Ivan Doig medical file

Note to archivists

There are some things in this box, most notably "General Blood tests" that need not go on line. It would be of interest, I suppose, to someone who wanted to track Ivan's illness closely.

I'm not sure. Your call.

Carol Doig

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06 DEC 2014

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 22107184

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on DECEMBER 02 2014 at Central Hospital Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.4	4.0-10.8	K/uL
RBC	L	2.31	3.90-5.60	10*6
HEMOGLOBIN	L	7.6	11.4-17.0	GM/DL
HEMATOCRIT	L	23	38-50	%
MCV	H	101	80-98	
MCH		33	27-34	
MCHC		33	33-37	%
RDW		17.2	8.0-18.5	
PLATELET COUNT		214	140-450	10*3
NEUTROPHILS, ABSOLUTE	L	1.18	2.00-7.30	K/uL
LYMPHOCYTES, ABSOLUTE	L	0.88	1.00-3.40	K/uL
MONOCYTES, ABSOLUTE	H	0.97	0.00-0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.35	0.0-0.5	K/ul
BASOPHILS, ABSOLUTE		0.04	0.0-0.2	K/uL
CREATININE(SERUM)				
CREATININE		1.24	0.50-1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60-100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN	L	57	60-100	ML/MIN

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Component	Result Values	Reference Ranges	Units

For non-African American patients: If this test has been low at least 2 times in a 3-month period you might have kidney disease stage 3. Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aal54102

CALCIUM (SERUM)			
CALCIUM	9.1	8.4-10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, and SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

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22 NOV 2014

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 22103952

Here are the results of the lab tests PATRICIA E KATO MD ordered for you on NOVEMBER 21 2014 at Central Hospital Laboratory.

Dr. KATO has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. KATO may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
LDL CHOLESTEROL				
DIRECT LDL CHOLESTEROL		54	30-129	MG/DL
POTASSIUM(SERUM)				
POTASSIUM		4.8	3.5-5.2	MEQ/L
CREATININE(SERUM)				
CREATININE		1.21	0.50-1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60-100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN	L	58	60-100	ML/MIN
For non-African American patients: If this test has been low at least 2 times in a 3-month period you might have kidney disease stage 3. Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aal54102				

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Component		Result Values	Reference Ranges	Units
CHOLESTEROL SCREEN				
CHOLESTEROL		132	100-199	mg/dL
HDL CHOLESTEROL		58	40-120	mg/dL
CHOL/HDL RATIO		2.3	1.5-5.0	RATIO
10-YR CVD RISK PERCENT		Outside Age Range		
5-YR CVD RISK PERCENT		Outside Age Range		
5-YR CVD RISK FAMILY HIST		Outside Age Range		
5-YR CVD RISK CATEGORY		Outside Age Range		
Risk calculation not performed because age is outside of validated range of 30-79 years.				
NON-HDL CHOLESTEROL		74		mg/dL
BLOOD PRESSURE SYSTOLIC		124		mm Hg
BLOOD PRESSURE DIASTOLIC		62		mm Hg
SMOKED IN LAST MONTH		NO		
DIABETIC?		NO		
HISTORY OF ASCVD		NO		
ON ANTI-HYPERTENSION MEDS		NO		
FAMILY HISTORY OF CAD?		NO		
ALBUMIN (SERUM)				
ALBUMIN	L	1.4	3.4-5.2	G/DL

Other test collected:
PROTEIN/CREATININE RATIO

Dr. KATO will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
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18 NOV 2014

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 22100374

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on NOVEMBER 11 2014 at Central Hospital Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.8	4.0-10.8	K/uL
RBC	L	2.54	3.90-5.60	10*6
HEMOGLOBIN	L	8.3	11.4-17.0	GM/DL
HEMATOCRIT	L	25	38-50	%
MCV	H	99	80-98	
MCH		33	27-34	
MCHC		33	33-37	%
RDW		16.8	8.0-18.5	
PLATELET COUNT		172	140-450	10*3
NEUTROPHILS, ABSOLUTE	L	1.27	2.00-7.30	K/uL
LYMPHOCYTES, ABSOLUTE		1.01	1.00-3.40	K/uL
MONOCYTES, ABSOLUTE	H	0.99	0.00-0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.41	0.0-0.5	K/ul
BASOPHILS, ABSOLUTE		0.07	0.0-0.2	K/uL
CREATININE(SERUM)				
CREATININE		1.08	0.50-1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60-100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60-100	ML/MIN

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Component	Result Values	Reference Ranges	Units

If you are not African American, no significant chronic kidney disease found.
Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aa154102

CALCIUM (SERUM)			
CALCIUM	8.5	8.4-10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, and SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

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14 NOV 2014

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 09748192

Here are the results of the lab tests PATRICIA E KATO MD ordered for you on NOVEMBER 13 2014 at Northgate Medical Center Laboratory.

Dr. KATO has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. KATO may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
COMPREHENSIVE METABOLIC PANEL				
SODIUM		138	135-145	MEQ/L
POTASSIUM		4.3	3.5-5.2	MEQ/L
CHLORIDE		100	97-108	MEQ/L
CARBON DIOXIDE		28	22-32	MEQ/L
GLUCOSE		78	65-140	MG/DL
GLUCOSE REFERENCE RANGES:				
Fasting glucose		65 - 99 mg/dL		
Random glucose		70 - 126 mg/dL		
2 hour post prandial		70 - 140 mg/dL		
BUN		23	6-24	MG/DL
CREATININE		1.01	0.50-1.40	MG/DL
CALCIUM		8.4	8.4-10.2	MG/DL
TOTAL PROTEIN		6.6	5.8-8.0	G/DL
ALBUMIN	L	1.6	3.4-5.2	G/DL
BILIRUBIN,TOTAL		0.2	0.2-1.1	MG/DL
AST		21	6-35	U/L
ALK PHOS		76	30-125	U/L
ALT		21	5-50	U/L
GFR--AFRICAN AMERICAN		above 60	60-100	ML/MIN
If you are African American, no significant chronic kidney disease found.				

PL105

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Component		Result Values	Reference Ranges	Units
GFR--NON-AFRICAN AMERICAN		above 60	60-100	ML/MIN

If you are not African American, no significant chronic kidney disease found.
Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys.
You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aa154102

URINALYSIS				
WBC		Rare	0-5	/hpf
RBC		Rare	0-2	/hpf

URINALYSIS				
COLOR-UA		STRAW		
APPEARANCE-UA		CLEAR		
GLUCOSE-UA		NEG		
KETONE-UA		NEG		
UA SPEC GRAVITY		1.012	1.006-1.029	
OCCULT BLOOD-UA		NEG		
PH-UA		6.0	5-7.9	
PROTEIN-UA	A	3+		
NITRITE		NEG		
LEUKOCYTE ESTERASE		NEG		

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CREATININE - Details

Some tests have a standard range; this is the high and low value for a general population. Ask your doctor what your target value should be, based on your own health factors.

Don't need a copy mailed to you? Submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

COMPONENT	STANDARD RANGE	YOUR VALUE	FLAG
CREATININE	0.50 - 1.40 MG/DL	1.08	
GFR -- AFRICAN AMERICAN	60 - 100 ML/MIN	above 60	
If you are African American, no significant chronic kidney disease found.			
GFR -- NON-AFRICAN AMERICAN	60 - 100 ML/MIN	above 60	
If you are not African American, no significant chronic kidney disease found.			

Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys.

You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aa154102

General Information

Collected:
11/11/2014 1:16 PM

Resulted:
11/11/2014 7:52 PM

Ordered By:
Eric Y Chen, MD

Result Status:
Final result

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CREATININE - Details

Some tests have a standard range; this is the high and low value for a general population. Ask your doctor what your target value should be, based on your own health factors.

Don't need a copy mailed to you? Submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

COMPONENT	STANDARD RANGE	YOUR VALUE	FLAG
CREATININE	0.50 - 1.40 MG/DL	0.81	
GFR -- AFRICAN AMERICAN	60 - 100 ML/MIN	above 60	
If you are African American, no significant chronic kidney disease found.			
GFR -- NON-AFRICAN AMERICAN	60 - 100 ML/MIN	above 60	
If you are not African American, no significant chronic kidney disease found.			

Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys.

You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aa154102

General Information

Collected:
10/14/2014 1:10 PM

Resulted:
10/14/2014 9:25 PM

Ordered By:
Eric Y Chen, MD

Result Status:
Final result

BACK TO LAB LIST

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18 OCT 2014

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 22090454

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on OCTOBER 14 2014 at Central Hospital Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.2	4.0-10.8	K/uL
RBC	L	2.58	3.90-5.60	10*6
HEMOGLOBIN	L	8.5	11.4-17.0	GM/DL
HEMATOCRIT	L	26	38-50	%
MCV	H	99	80-98	
MCH		33	27-34	
MCHC		33	33-37	%
RDW		17.5	8.0-18.5	
PLATELET COUNT		149	140-450	10*3
COMMENT		See Separate Manual Diff for Res		
A Manual Diff was added.				
DIFFERENTIAL				
NEUTROPHILS, ABSOLUTE	L	1.1	2.00-7.30	K/uL
LYMPHS, ABSOLUTE		1.50	1.00-3.40	K/uL
MONOCYTES, ABSOLUTE		0.42	0.00-0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.13	0.00-0.50	K/uL
BASOPHILS, ABSOLUTE		0.10	0.0-0.2	K/uL
METAMYELOCYTES, ABSOLUTE		0	0.0-0.0	K/uL
MYELOCYTES, ABSOLUTE		0	0.0-0.0	K/uL
PROMYELOCYTES, ABSOLUTE		0	0.0-0.0	K/uL

PL105

O1LBP003

Component		Result Values	Reference Ranges	Units
BLASTS, ABSOLUTE		0	0.0-0.0	K/uL
PLATELET ESTIMATE		Adequate		
ADDITIONAL FINDINGS	A	SEE COMMENT:		
Slight Anisocytosis				
Slight Macrocytosis				
Slight Polychromasia				
Slight Rouleaux				
Few Atypical Lymphocytes				
CREATININE(SERUM)				
CREATININE		0.81	0.50-1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60-100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60-100	ML/MIN
If you are not African American, no significant chronic kidney disease found.				
Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aa154102				
CALCIUM (SERUM)				
CALCIUM	L	7.9	8.4-10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, and SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

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13 SEP 2014

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 22077876

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on SEPTEMBER 09 2014 at Central Hospital Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.3	4.0-10.8	K/uL
RBC	L	2.83	3.90-5.60	10*6
HEMOGLOBIN	L	9.3	11.4-17.0	GM/DL
HEMATOCRIT	L	27	38-50	%
MCV		97	80-98	
MCH		33	27-34	
MCHC		34	33-37	%
RDW		16.2	8.0-18.5	
PLATELET COUNT		180	140-450	10*3
COMMENT		See Separate Manual Diff for Res		
A Manual Diff was added.				

Component		Result Values	Reference Ranges	Units
DIFFERENTIAL				
NEUTROPHILS, ABSOLUTE	L	1.2	2.00-7.30	K/uL
LYMPHS, ABSOLUTE		1.06	1.00-3.40	K/uL
MONOCYTES, ABSOLUTE		0.69	0.00-0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.17	0.00-0.50	K/uL
BASOPHILS, ABSOLUTE		0.17	0.0-0.2	K/uL
METAMYELOCYTES, ABSOLUTE		0	0.0-0.0	K/uL
MYELOCYTES, ABSOLUTE		0	0.0-0.0	K/uL
PROMYELOCYTES, ABSOLUTE		0	0.0-0.0	K/uL
BLASTS, ABSOLUTE		0	0.0-0.0	K/uL
PLATELET ESTIMATE		Adequate		
ADDITIONAL FINDINGS	A	SEE COMMENT:		
Slight Elliptocytes				
Slight Rouleaux				
CREATININE(SERUM)				
CREATININE		0.79	0.50-1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60-100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60-100	ML/MIN
If you are not African American, no significant chronic kidney disease found.				
Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aa154102				
CALCIUM (SERUM)				
CALCIUM	L	8.0	8.4-10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, and SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

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16 AUG 2014

Q4015

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 22068806

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on AUGUST 13 2014 at Central Hospital Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.1	4.0-10.8	K/uL
RBC	L	2.96	3.90-5.60	10*6
HEMOGLOBIN	L	9.8	11.4-17.0	GM/DL
HEMATOCRIT	L	28	38-50	%
MCV		95	80-98	
MCH		33	27-34	
MCHC		35	33-37	%
RDW		15.4	8.0-18.5	
PLATELET COUNT		241	140-450	10*3
NEUTROPHILS, ABSOLUTE		2.02	2.00-7.30	K/uL
LYMPHOCYTES, ABSOLUTE	L	0.70	1.00-3.40	K/uL
MONOCYTES, ABSOLUTE		0.32	0.00-0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.00	0.0-0.5	K/ul
BASOPHILS, ABSOLUTE		0.01	0.0-0.2	K/uL
CREATININE(SERUM)				
CREATININE		0.74	0.50-1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60-100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60-100	ML/MIN

PL105

O1LBP003

Component	Result Values	Reference Ranges	Units

If you are not African American, no significant chronic kidney disease found.
Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aal54102

CALCIUM (SERUM)			
CALCIUM	8.4	8.4-10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, and SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

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Group Health Cooperative Laboratory Services

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12 JUL 2014

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 09728083

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on JULY 08 2014 at Northgate Medical Center Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	2.8	4.0-10.8	K/uL
RBC	L	3.14	3.90-5.60	10*6
HEMOGLOBIN	L	10.4	11.4-17.0	GM/DL
HEMATOCRIT	L	30	38-50	%
MCV		96	80-98	
MCH		33	27-34	
MCHC		35	33-37	%
RDW		14.2	8.0-18.5	
PLATELET COUNT		167	140-450	10*3
COMMENT		See Separate Manual Diff for Res		
A Manual Diff was added.				

PLJ05

O1LBP003

Component		Result Values	Reference Ranges	Units
DIFFERENTIAL				
NEUTROPHILS, ABSOLUTE	L	1.0	2.00-7.30	K/uL
LYMPHS, ABSOLUTE		1.04	1.00-3.40	K/uL
MONOCYTES, ABSOLUTE		0.50	0.00-0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.11	0.00-0.50	K/uL
BASOPHILS, ABSOLUTE		0.11	0.0-0.2	K/uL
METAMYELOCYTES, ABSOLUTE		0	0.0-0.0	K/uL
MYELOCYTES, ABSOLUTE		0	0.0-0.0	K/uL
PROMYELOCYTES, ABSOLUTE		0	0.0-0.0	K/uL
BLASTS, ABSOLUTE		0	0.0-0.0	K/uL
PLATELET ESTIMATE		Adequate		
ADDITIONAL FINDINGS		RBC Morphology Normal		
CREATININE(SERUM)				
CREATININE		0.81	0.50-1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60-100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60-100	ML/MIN
If you are not African American, no significant chronic kidney disease found.				
Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aal54102				
CALCIUM (SERUM)				
CALCIUM	L	8.2	8.4-10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, and SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

000881 01 01 51 0000020071817

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07 AUG 2014

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 09732841

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on AUGUST 06 2014 at Northgate Medical Center Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	2.2	4.0-10.8	K/uL
RBC	L	3.00	3.90-5.60	10*6
HEMOGLOBIN	L	9.7	11.4-17.0	GM/DL
HEMATOCRIT	L	29	38-50	%
MCV		95	80-98	
MCH		32	27-34	
MCHC		34	33-37	%
RDW		15.3	8.0-18.5	
PLATELET COUNT		209	140-450	10*3
COMMENT		See Separate Manual Diff for Res		
A Manual Diff was added.				

Component		Result Values	Reference Ranges	Units
DIFFERENTIAL				
NEUTROPHILS, ABSOLUTE	L	1.5	2.00-7.30	K/uL
LYMPHS, ABSOLUTE	L	0.53	1.00-3.40	K/uL
MONOCYTES, ABSOLUTE		0.20	0.00-0.80	K/uL
EOSINOPHILS, ABSOLUTE		0	0.00-0.50	K/uL
BASOPHILS, ABSOLUTE		0	0.0-0.2	K/uL
METAMYELOCYTES, ABSOLUTE		0	0.0-0.0	K/uL
MYELOCYTES, ABSOLUTE		0	0.0-0.0	K/uL
PROMYELOCYTES, ABSOLUTE		0	0.0-0.0	K/uL
BLASTS, ABSOLUTE		0	0.0-0.0	K/uL
PLATELET ESTIMATE		Adequate		
ADDITIONAL FINDINGS	A	SEE COMMENT:		
Slight Polychromasia				
Slight Fragments				
Slight Rouleaux				

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

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31 JUL 2014

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 09731597

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on JULY 30 2014 at Northgate Medical Center Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT		4.1	4.0-10.8	K/uL
RBC	L	3.05	3.90-5.60	10*6
HEMOGLOBIN	L	10.0	11.4-17.0	GM/DL
HEMATOCRIT	L	29	38-50	%
MCV		95	80-98	
MCH		33	27-34	
MCHC		34	33-37	%
RDW		14.9	8.0-18.5	
PLATELET COUNT		223	140-450	10*3
NEUTROPHILS, ABSOLUTE		3.16	2.00-7.30	K/uL
LYMPHOCYTES, ABSOLUTE	L	0.71	1.00-3.40	K/uL
MONOCYTES, ABSOLUTE		0.23	0.00-0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.00	0.0-0.5	K/ul
BASOPHILS, ABSOLUTE		0.01	0.0-0.2	K/uL

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

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24 JUL 2014

T00260

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 09730329

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on JULY 23 2014 at Northgate Medical Center Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.2	4.0-10.8	K/uL
RBC	L	3.21	3.90-5.60	10*6
HEMOGLOBIN	L	10.4	11.4-17.0	GM/DL
HEMATOCRIT	L	31	38-50	%
MCV		96	80-98	
MCH		32	27-34	
MCHC		34	33-37	%
RDW		14.9	8.0-18.5	
PLATELET COUNT		244	140-450	10*3
NEUTROPHILS, ABSOLUTE		2.39	2.00-7.30	K/uL
LYMPHOCYTES, ABSOLUTE	L	0.72	1.00-3.40	K/uL
MONOCYTES, ABSOLUTE		0.09	0.00-0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.01	0.0-0.5	K/ul
BASOPHILS, ABSOLUTE		0.02	0.0-0.2	K/uL

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

PL105

O1LBP003

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17 JUL 2014

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 22058761

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on JULY 16 2014 at Central Hospital Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	2.5	4.0-10.8	K/uL
RBC	L	3.16	3.90-5.60	10*6
HEMOGLOBIN	L	10.4	11.4-17.0	GM/DL
HEMATOCRIT	L	31	38-50	%
MCV		97	80-98	
MCH		33	27-34	
MCHC		34	33-37	%
RDW		14.6	8.0-18.5	
PLATELET COUNT		217	140-450	10*3
NEUTROPHILS, ABSOLUTE	L	1.65	2.00-7.30	K/uL
LYMPHOCYTES, ABSOLUTE	L	0.59	1.00-3.40	K/uL
MONOCYTES, ABSOLUTE		0.19	0.00-0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.01	0.0-0.5	K/ul
BASOPHILS, ABSOLUTE		0.01	0.0-0.2	K/uL

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

CBC/PLT/DIFF (GHC) - Details

Some tests have a standard range; this is the high and low value for a general population. Ask your doctor what your target value should be, based on your own health factors.

Don't need a copy mailed to you? Submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

COMPONENT	STANDARD RANGE	YOUR VALUE	FLAG
WBC	4.0 - 10.8 K/uL	2.8	L
RBC	3.90 - 5.60 10*6	3.14	L
HEMOGLOBIN	11.4 - 17.0 GM/DL	10.4	L
HEMATOCRIT	38 - 50 %	30	L
MCV	80 - 98	96	
MCH	27 - 34	33	
MCHC	33 - 37 %	35	
RDW	8.0 - 18.5	14.2	
PLATELET COUNT	140 - 450 10*3	167	
COMMENT		See Separate Manual Diff for Results	
A Manual Diff was added.			

General Information

Collected:
07/08/2014 4:14 PM

Resulted:
07/08/2014 8:42 PM

Ordered By:
Eric Y Chen, MD

Result Status:
Final result

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MANUAL DIFFERENTIAL (REFLEXED) (GHC) - Details

Some tests have a standard range; this is the high and low value for a general population. Ask your doctor what your target value should be, based on your own health factors.

Don't need a copy mailed to you? Submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

COMPONENT	STANDARD RANGE	YOUR VALUE	FLAG
Neutrophils, Absolute	2.00 - 7.30 K/uL	1.0	L
Lymphocytes, Absolute	1.00 - 3.40 K/uL	1.04	
MONOCYTES, ABSOLUTE	0.00 - 0.80 K/uL	0.50	
Eosinophils, Absolute	0.00 - 0.50 K/uL	0.11	
Basophils, Absolute	0.0 - 0.2 K/uL	0.11	
Metamyelocytes, Absolute	0.0 - 0.0 K/uL	0	
Myelocytes, Absolute	0.0 - 0.0 K/uL	0	
Promyelocytes, Absolute	0.0 - 0.0 K/uL	0	
Blasts, Absolute	0.0 - 0.0 K/uL	0	
NRBC/100WBC	0 - 0 /100 wbc		
PLATELET ESTIMATE		Adequate	
ADDITIONAL FINDINGS - DIFFERENTIAL		RBC Morphology Normal	

General Information

Collected:
07/08/2014 4:14 PM

Resulted:
07/08/2014 8:42 PM

Ordered By:
Eric Y Chen, MD

Result Status:
Final result

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CREATININE - Details

Some tests have a standard range; this is the high and low value for a general population. Ask your doctor what your target value should be, based on your own health factors.

Don't need a copy mailed to you? Submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

COMPONENT	STANDARD RANGE	YOUR VALUE	FLAG
CREATININE	0.50 - 1.40 MG/DL	0.81	
GFR -- AFRICAN AMERICAN	60 - 100 ML/MIN	above 60	
If you are African American, no significant chronic kidney disease found.			
GFR -- NON-AFRICAN AMERICAN	60 - 100 ML/MIN	above 60	
If you are not African American, no significant chronic kidney disease found.			

Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys.

You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aa154102

General Information

Collected:
07/08/2014 4:14 PM

Resulted:
07/08/2014 7:59 PM

Ordered By:
Eric Y Chen, MD

Result Status:
Final result

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CALCIUM - Details

Some tests have a standard range; this is the high and low value for a general population. Ask your doctor what your target value should be, based on your own health factors.

Don't need a copy mailed to you? Submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

COMPONENT	STANDARD RANGE	YOUR VALUE	FLAG
CALCIUM	8.4 - 10.2 MG/DL	8.2	L

General Information

Collected:
07/08/2014 4:14 PM

Resulted:
07/08/2014 7:59 PM

Ordered By:
Eric Y Chen, MD

Result Status:
Final result

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03 JUL 2014

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 09727223

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on JULY 02 2014 at Northgate Medical Center Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.8	4.0-10.8	K/uL
RBC	L	3.21	3.90-5.60	10*6
HEMOGLOBIN	L	10.7	11.4-17.0	GM/DL
HEMATOCRIT	L	31	38-50	%
MCV		98	80-98	
MCH		33	27-34	
MCHC		34	33-37	%
RDW		14.4	8.0-18.5	
PLATELET COUNT		209	140-450	10*3
NEUTROPHILS, ABSOLUTE		3.06	2.00-7.30	K/uL
LYMPHOCYTES, ABSOLUTE	L	0.57	1.00-3.40	K/uL
MONOCYTES, ABSOLUTE		0.15	0.00-0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.01	0.0-0.5	K/ul
BASOPHILS, ABSOLUTE		0.00	0.0-0.2	K/uL

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

PL105

O1LBP003

Pam Holtzt #2

CBC/PLT/DIFF (GHC) - Details

Some tests have a standard range; this is the high and low value for a general population. Ask your doctor what your target value should be, based on your own health factors.

Don't need a copy mailed to you? Submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

COMPONENT	STANDARD RANGE	YOUR VALUE	FLAG
WBC	4.0 - 10.8 K/uL	3.8	L
RBC	3.90 - 5.60 10*6	3.21	L
HEMOGLOBIN	11.4 - 17.0 GM/DL	10.7	L
HEMATOCRIT	38 - 50 %	31	L
MCV	80 - 98	98	
MCH	27 - 34	33	
MCHC	33 - 37 %	34	
RDW	8.0 - 18.5	14.4	
PLATELET COUNT	140 - 450 10*3	209	
Neutrophils, Absolute	2.00 - 7.30 K/uL	3.06	
Lymphocytes, Absolute	1.00 - 3.40 K/uL	0.57	L
MONOCYTES, ABSOLUTE	0.00 - 0.80 K/uL	0.15	
Eosinophils, Absolute	0.0 - 0.5 K/ul	0.01	
Basophils, Absolute	0.0 - 0.2 K/uL	0.00	
COMMENT			

General Information

Collected:
07/02/2014 8:06 AM

Resulted:
07/02/2014 4:03 PM

Ordered By:
Eric Y Chen, MD

Result Status:
Final result

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Pam last test # 1

CBC/PLT/DIFF (GHC) - Details

Some tests have a standard range; this is the high and low value for a general population. Ask your doctor what your target value should be, based on your own health factors.

Don't need a copy mailed to you? Submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

COMPONENT	STANDARD RANGE	YOUR VALUE	FLAG
WBC (leukocyte)	4.0 - 10.8 K/uL	4.1	
RBC	3.90 - 5.60 10*6	2.92	L
HEMOGLOBIN	11.4 - 17.0 GM/DL	9.9	L
HEMATOCRIT	38 - 50 %	29	L
MCV	80 - 98	98	
MCH	27 - 34	34	
MCHC	33 - 37 %	35	
RDW	8.0 - 18.5	14.5	
PLATELET COUNT	140 - 450 10*3	180	
Neutrophils, Absolute	2.00 - 7.30 K/uL	2.52	
Lymphocytes, Absolute	1.00 - 3.40 K/uL	0.95	L
MONOCYTES, ABSOLUTE	0.00 - 0.80 K/uL	0.56	
Eosinophils, Absolute	0.0 - 0.5 K/ul	0.06	
Basophils, Absolute	0.0 - 0.2 K/uL	0.00	
COMMENT			

General Information

Collected:
06/26/2014 8:07 AM

Resulted:
06/26/2014 4:14 PM

Ordered By:
Eric Y Chen, MD

Result Status:
Final result

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Old test before Penn

CBC/DIFF (GHC) - Details

IVAN ADOTO

Some tests have a standard range; this is the high and low value for a general population. Ask your doctor what your target value should be, based on your own health factors.

Don't need a copy mailed to you? Submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

COMPONENT	STANDARD RANGE	YOUR VALUE	FLAG
WBC	4.0 - 10.8 K/uL	5.4	
RBC	3.90 - 5.60 10*6	3.07	L
HEMOGLOBIN	11.4 - 17.0 GM/DL	10.7	L
HEMATOCRIT	38 - 50 %	31	L
MCV	80 - 98	101	H
MCH	27 - 34	35	H
MCHC	33 - 37 %	34	
RDW	8.0 - 18.5	13.8	
PLATELET COUNT	140 - 450 10*3	283	
Neutrophils, Absolute	2.00 - 7.30 K/uL	3.60	
Lymphocytes, Absolute	1.00 - 3.40 K/uL	1.03	
MONOCYTES, ABSOLUTE	0.00 - 0.80 K/uL	0.63	
Eosinophils, Absolute	0.0 - 0.5 K/ul	0.08	
Basophils, Absolute	0.0 - 0.2 K/uL	0.02	
COMMENT			

General Information

Collected:
05/27/2014 12:41 PM

Resulted:
05/27/2014 8:51 PM

Ordered By:
Eric Y Chen, MD

Result Status:
Final result

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3rd (?) Melphalan cycle

CBC/PLT/DIFF (GHC) - Details

Some tests have a standard range; this is the high and low value for the general population. Ask your doctor what your target value should be, based on your own health factors.

Don't need a copy mailed to you? Submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Standard Range	Your Value	Flag
WBC	4.0 - 10.8 K/uL	3.1	L
RBC	3.90 - 5.60 10*6	2.94	L
HEMOGLOBIN	11.4 - 17.0 GM/DL	9.8	L
HEMATOCRIT	38 - 50 %	29	L
MCV	80 - 98	98	
MCH	27 - 34	33	
MCHC	33 - 37 %	34	
RDW	8.0 - 18.5	16.8	
PLATELET COUNT	140 - 450 10*3	174	
Neutrophils, Absolute	2.00 - 7.30 K/uL	1.58	L
Lymphocytes, Absolute	1.00 - 3.40 K/uL	0.68	L
MONOCYTES, ABSOLUTE	0.00 - 0.80 K/uL	0.73	
Eosinophils, Absolute	0.0 - 0.5 K/ul	0.06	
Basophils, Absolute	0.0 - 0.2 K/uL	0.01	
COMMENT			

General Information

Collected: 01/16/2014 8:04 AM

Resulted: 01/16/2014 4:17 PM

Ordered By: Eric Y Chen, MD

Result Status: Final result

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CBC/PLT/DIFF (GHC) - Details

Some tests have a standard range; this is the high and low value for a general population. Ask your doctor what your target value should be, based on your own health factors.

Don't need a copy mailed to you? Submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Standard Range	Your Value	Flag
WBC	4.0 - 10.8 K/uL	3.1	L
RBC	3.90 - 5.60 10*6	2.94	L
HEMOGLOBIN	11.4 - 17.0 GM/DL	9.8	L
HEMATOCRIT	38 - 50 %	29	L
MCV	80 - 98	98	
MCH	27 - 34	33	
MCHC	33 - 37 %	34	
RDW	8.0 - 18.5	16.8	
PLATELET COUNT	140 - 450 10*3	174	
Neutrophils, Absolute	2.00 - 7.30 K/uL	1.58	L
Lymphocytes, Absolute	1.00 - 3.40 K/uL	0.68	L
MONOCYTES, ABSOLUTE	0.00 - 0.80 K/uL	0.73	
Eosinophils, Absolute	0.0 - 0.5 K/ul	0.06	
Basophils, Absolute	0.0 - 0.2 K/uL	0.01	
COMMENT			

General Information

Collected: 01/16/2014 8:04 AM

Resulted: 01/16/2014 4:17 PM

Ordered By: Eric Y Chen, MD

Result Status: Final result

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CALCIUM - Details

Some tests have a standard range; this is the high and low value for a general population. Ask your doctor what your target value should be, based on your own health factors.

Don't need a copy mailed to you? Submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

COMPONENT	STANDARD RANGE	YOUR VALUE	FLAG
CALCIUM	8.4 - 10.2 MG/DL	7.9	L

General Information

Collected:
05/27/2014 12:41 PM

Resulted:
05/27/2014 8:34 PM

Ordered By:
Eric Y Chen, MD

Result Status:
Final result

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27 JUN 2014

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 09726250

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on JUNE 26 2014 at Northgate Medical Center Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT		4.1	4.0-10.8	K/uL
RBC	L	2.92	3.90-5.60	10*6
HEMOGLOBIN	L	9.9	11.4-17.0	GM/DL
HEMATOCRIT	L	29	38-50	%
MCV		98	80-98	
MCH		34	27-34	
MCHC		35	33-37	%
RDW		14.5	8.0-18.5	
PLATELET COUNT		180	140-450	10*3
NEUTROPHILS, ABSOLUTE		2.52	2.00-7.30	K/uL
LYMPHOCYTES, ABSOLUTE	L	0.95	1.00-3.40	K/uL
MONOCYTES, ABSOLUTE		0.56	0.00-0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.06	0.0-0.5	K/ul
BASOPHILS, ABSOLUTE		0.00	0.0-0.2	K/uL

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31 MAY 2014

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 22041468

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on MAY 27 2014 at Central Hospital Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT		5.4	4.0-10.8	K/uL
RBC	L	3.07	3.90-5.60	10*6
HEMOGLOBIN	L	10.7	11.4-17.0	GM/DL
HEMATOCRIT	L	31	38-50	%
MCV	H	101	80-98	
MCH	H	35	27-34	
MCHC		34	33-37	%
RDW		13.8	8.0-18.5	
PLATELET COUNT		283	140-450	10*3
NEUTROPHILS, ABSOLUTE		3.60	2.00-7.30	K/uL
LYMPHOCYTES, ABSOLUTE		1.03	1.00-3.40	K/uL
MONOCYTES, ABSOLUTE		0.63	0.00-0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.08	0.0-0.5	K/ul
BASOPHILS, ABSOLUTE		0.02	0.0-0.2	K/uL
CREATININE(SERUM)				
CREATININE		0.77	0.50-1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60-100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60-100	ML/MIN

PL105

O1LBP003

Component		Result Values	Reference Ranges	Units
If you are not African American, no significant chronic kidney disease found. Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aal54102				
CALCIUM (SERUM)				
CALCIUM	L	7.9	8.4-10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, and SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

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Group Health Cooperative Laboratory Services

CREATININE - Details

PRINT PAGE

Some tests have a standard range; this is the high and low value for a general population. Ask your doctor what your target value should be, based on your own health factors.

Don't need a copy mailed to you? Submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

COMPONENT	STANDARD RANGE	YOUR VALUE	FLAG
CREATININE	0.50 - 1.40 MG/DL	0.77	
GFR -- AFRICAN AMERICAN	60 - 100 ML/MIN	above 60	
If you are African American, no significant chronic kidney disease found.			
GFR -- NON-AFRICAN AMERICAN	60 - 100 ML/MIN	above 60	
If you are not African American, no significant chronic kidney disease found. Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aa154102			

General Information

Collected:
05/27/2014 12:41 PM

Resulted:
05/27/2014 8:34 PM

Ordered By:
Eric Y Chen, MD

Result Status:
Final result

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22 FEB 2014

T02907

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 22006820

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on FEBRUARY 19 2014 at Central Hospital Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	LL	0.7	4.0-10.8	K/uL
RBC	L	3.28	3.90-5.60	10*6
HEMOGLOBIN	L	11.2	11.4-17.0	GM/DL
HEMATOCRIT	L	33	38-50	%
MCV	H	100	80-98	
MCH		34	27-34	
MCHC		34	33-37	%
RDW		16.5	8.0-18.5	
PLATELET COUNT	L	80	140-450	10*3
COMMENT		See Separate Manual Diff for Res		
A Manual Diff was added.				
DIFFERENTIAL				
NEUTROPHILS, ABSOLUTE	L	0.5	2.00-7.30	K/uL
LYMPHS, ABSOLUTE	L	0.20	1.00-3.40	K/uL
MONOCYTES, ABSOLUTE		0.02	0.00-0.80	K/uL
EOSINOPHILS, ABSOLUTE		0	0.00-0.50	K/uL
BASOPHILS, ABSOLUTE		0	0.0-0.2	K/uL
METAMYELOCYTES, ABSOLUTE		0	0.0-0.0	K/uL
MYELOCYTES, ABSOLUTE		0	0.0-0.0	K/uL
PROMYELOCYTES, ABSOLUTE		0	0.0-0.0	K/uL

PL105

O1LBP003

Component		Result Values	Reference Ranges	Units
BLASTS, ABSOLUTE		0	0.0-0.0	K/uL
PLATELET ESTIMATE	A	Decreased		
ADDITIONAL FINDINGS	A	SEE COMMENT:		
Slight Anisocytosis				
Slight Macrocytosis				
Slight Polychromasia				
Macro Ovalocytes Present				
CREATININE(SERUM)				
CREATININE		0.81	0.50-1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60-100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60-100	ML/MIN
If you are not African American, no significant chronic kidney disease found.				
Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aal54102				
CALCIUM (SERUM)				
CALCIUM		8.5	8.4-10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, and SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

MANUAL DIFFERENTIAL (REFLEXED) (GHC) - Details

Some tests have a standard range; this is the high and low value for a general population. Ask your doctor what your target value should be, based on your own health factors.

Don't need a copy mailed to you? Submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Standard Range	Your Value	Flag
Neutrophils, Absolute	2.00 - 7.30 K/uL	0.5	L
Lymphocytes, Absolute	1.00 - 3.40 K/uL	0.20	L
MONOCYTES, ABSOLUTE	0.00 - 0.80 K/uL	0.02	
Eosinophils, Absolute	0.00 - 0.50 K/uL	0	
Basophils, Absolute	0.0 - 0.2 K/uL	0	
Metamyelocytes, Absolute	0.0 - 0.0 K/uL	0	
Myelocytes, Absolute	0.0 - 0.0 K/uL	0	
Promyelocytes, Absolute	0.0 - 0.0 K/uL	0	
Blasts, Absolute	0.0 - 0.0 K/uL	0	
NRBC/100WBC	0 - 0 /100 wbc		
PLATELET ESTIMATE		Decreased	A
ADDITIONAL FINDINGS - DIFFERENTIAL		SEE COMMENT:	A

Slight Anisocytosis
Slight Macrocytosis
Slight Polychromasia
Macro Ovalocytes Present

General Information

Collected: 02/19/2014 9:40 AM

Resulted: 02/19/2014 5:40 PM

Ordered By: Eric Y Chen, MD

Result Status: Final result

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19 JAN 2014

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 09700663

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on JANUARY 16 2014 at Northgate Medical Center Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.1	4.0-10.8	K/uL
RBC	L	2.94	3.90-5.60	10*6
HEMOGLOBIN	L	9.8	11.4-17.0	GM/DL
HEMATOCRIT	L	29	38-50	%
MCV		98	80-98	
MCH		33	27-34	
MCHC		34	33-37	%
RDW		16.8	8.0-18.5	
PLATELET COUNT		174	140-450	10*3
NEUTROPHILS, ABSOLUTE	L	1.58	2.00-7.30	K/uL
LYMPHOCYTES, ABSOLUTE	L	0.68	1.00-3.40	K/uL
MONOCYTES, ABSOLUTE		0.73	0.00-0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.06	0.0-0.5	K/ul
BASOPHILS, ABSOLUTE		0.01	0.0-0.2	K/uL
CREATININE(SERUM)				
CREATININE		0.88	0.50-1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60-100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60-100	ML/MIN

PL105

O1LBP003

Component		Result Values	Reference Ranges	Units
If you are not African American, no significant chronic kidney disease found. Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aal54102				
CALCIUM (SERUM)				
CALCIUM	L	7.9	8.4-10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, and SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

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03 DEC 2013

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 22879709

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on DECEMBER 02 2013 at Central Hospital Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.2	4.0-10.8	K/uL
RBC	L	3.37	3.90-5.60	10*6
HEMOGLOBIN	L	10.9	11.4-17.0	GM/DL
HEMATOCRIT	L	33	38-50	%
MCV		97	80-98	
MCH		32	27-34	
MCHC		33	33-37	%
RDW		16.1	8.0-18.5	
PLATELET COUNT	L	135	140-450	10*3
NEUTROPHILS, ABSOLUTE	L	1.42	2.00-7.30	K/uL
LYMPHOCYTES, ABSOLUTE		1.06	1.00-3.40	K/uL
MONOCYTES, ABSOLUTE		0.50	0.00-0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.16	0.0-0.5	K/ul
BASOPHILS, ABSOLUTE		0.07	0.0-0.2	K/uL
CREATININE(SERUM)				
CREATININE		0.75	0.50-1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60-100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60-100	ML/MIN

PL105

O1LBP003

Component	Result Values	Reference Ranges	Units

If you are not African American, no significant chronic kidney disease found.
Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aa154102

CALCIUM (SERUM)				
CALCIUM	L	8.3	8.4-10.2	MG/DL

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

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12 OCT 2013

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 22861278

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on OCTOBER 09 2013 at Central Hospital Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT		4.0	4.0-10.8	K/uL
RBC	L	3.41	3.90-5.60	10*6
HEMOGLOBIN	L	10.9	11.4-17.0	GM/DL
HEMATOCRIT	L	33	38-50	%
MCV		96	80-98	
MCH		32	27-34	
MCHC		33	33-37	%
RDW		16.1	8.0-18.5	
PLATELET COUNT		237	140-450	10*3
NEUTROPHILS, ABSOLUTE	L	1.90	2.00-7.30	K/uL
LYMPHOCYTES, ABSOLUTE		1.40	1.00-3.40	K/uL
MONOCYTES, ABSOLUTE		0.59	0.00-0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.08	0.0-0.5	K/ul
BASOPHILS, ABSOLUTE		0.07	0.0-0.2	K/uL

PL105

O1LBP003

Component	Result Values	Reference Ranges	Units
HEMOGLOBIN A1C			
HEMOGLOBIN A1C	5.3	4.5-5.6	%
NORMAL: 5.6% or less IMPAIRED GLUCOSE TOLERANCE: 5.7%-6.4% DIABETES DIAGNOSIS: 6.5 or greater (on 2 occasions) per GHC Type 2 Diabetes Guideline			
ESTIMATED AVERAGE GLUCOSE	105		mg/dL
FOR PATIENTS: The estimated Average Glucose (eAG) number is calculated from the result of your A1c. Like the A1c, eAG shows what your average blood sugars have been over the past 2-3 months. The eAG uses the same units that your blood glucose meter uses. If the eAG is higher than the average your meter shows, it's because there are times in the day, when you're not testing, that your blood sugar is higher than you think.			
CREATININE(SERUM)			
CREATININE	0.76	0.50-1.40	MG/DL
GFR--AFRICAN AMERICAN	above 60	60-100	ML/MIN
If you are African American, no significant chronic kidney disease found.			
GFR--NON-AFRICAN AMERICAN	above 60	60-100	ML/MIN
If you are not African American, no significant chronic kidney disease found. Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aal54102			

Other tests collected:
FREE LIGHT CHAIN ASSAY, and SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

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01 AUG 2013

097501

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 22836116

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on JULY 29 2013 at Central Hospital Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.4	4.0-10.8	K/uL
RBC	L	3.49	3.90-5.60	10*6
HEMOGLOBIN	L	11.0	11.4-17.0	GM/DL
HEMATOCRIT	L	33	38-50	%
MCV		95	80-98	
MCH		32	27-34	
MCHC		33	33-37	%
RDW		15.6	8.0-18.5	
PLATELET COUNT		216	140-450	10*3
NEUTROPHILS, ABSOLUTE	L	1.32	2.00-7.30	K/uL
LYMPHOCYTES, ABSOLUTE		1.30	1.00-3.40	K/uL
MONOCYTES, ABSOLUTE		0.56	0.00-0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.18	0.0-0.5	K/ul
BASOPHILS, ABSOLUTE		0.02	0.0-0.2	K/uL
CREATININE(SERUM)				
CREATININE		0.81	0.50-1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60-100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60-100	ML/MIN

PL105

O1LBP003

Component		Result Values	Reference Ranges	Units

If you are not African American, no significant chronic kidney disease found.
Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aa154102

CALCIUM (SERUM)				
CALCIUM	L	8.2	8.4-10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, and SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

000723 01 01 51 00000011022956

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Group Health Cooperative
Laboratory Services
P.O. Box 34944
Seattle, WA 98124-1944

www.ghc.org

12 JUN 2013

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 09664259

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on JUNE 10 2013 at Northgate Medical Center Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.9	4.0 - 10.8	K/uL
RBC	L	3.30	3.90 - 5.60	10*6
HEMOGLOBIN	L	10.6	11.4 - 17.0	GM/DL
HEMATOCRIT	L	31	38 - 50	%
MCV		95	80 - 98	
MCH		32	27 - 34	
MCHC		34	33 - 37	%
RDW		16.2	8.0 - 18.5	
PLATELET COUNT		220	140 - 450	10*3
NEUTROPHILS, ABSOLUTE	L	1.58	2.00 - 7.30	K/uL
LYMPHOCYTES, ABSOLUTE		1.54	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE		0.61	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.11	0.0 - 0.5	K/ul
BASOPHILS, ABSOLUTE		0.03	0.0 - 0.2	K/uL
CREATININE(SERUM)				
CREATININE		0.85	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

PL105

O1LBP003

Component	Result Values		Reference Ranges	Units

If you are not African American, no significant chronic kidney disease found.
Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aal54102

CALCIUM (SERUM)

CALCIUM	L	8.3	8.4 - 10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, ELECTROPHORESIS-URINE,
SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

000996 01 01 51 00000011012188

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P.O. Box 34944
Seattle, WA 98124-1944

www.ghc.org

23 APR 2013

T04201

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 22799730

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on APRIL 16 2013 at Central Hospital Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.6	4.0 - 10.8	K/uL
RBC	L	3.29	3.90 - 5.60	10*6
HEMOGLOBIN	L	10.6	11.4 - 17.0	GM/DL
HEMATOCRIT	L	32	38 - 50	%
MCV		96	80 - 98	
MCH		32	27 - 34	
MCHC		34	33 - 37	%
RDW		16.3	8.0 - 18.5	
PLATELET COUNT		237	140 - 450	10*3
NEUTROPHILS, ABSOLUTE	L	1.35	2.00 - 7.30	K/uL
LYMPHOCYTES, ABSOLUTE		1.53	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE		0.60	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.11	0.0 - 0.5	K/ul
BASOPHILS, ABSOLUTE		0.05	0.0 - 0.2	K/uL
CREATININE(SERUM)				
CREATININE		0.77	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

PL105

O1LBP003

Component		Result Values	Reference Ranges	Units

If you are not African American, no significant chronic kidney disease found.
Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aa154102

CALCIUM (SERUM)				
CALCIUM	L	8.3	8.4 - 10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, ELECTROPHORESIS-URINE,
SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

001052 01 01 51 00000011004244

GroupHealth
025215

Group Health Cooperative
Laboratory Services
P.O. Box 34944
Seattle, WA 98124-1944

www.ghc.org

19 MAR 2013

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 22788077

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on MARCH 14 2013 at Central Hospital Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.0	4.0 - 10.8	K/uL
RBC	L	3.32	3.90 - 5.60	10*6
HEMOGLOBIN	L	10.5	11.4 - 17.0	GM/DL
HEMATOCRIT	L	31	38 - 50	%
MCV		94	80 - 98	
MCH		32	27 - 34	
MCHC		34	33 - 37	%
RDW		16.1	8.0 - 18.5	
PLATELET COUNT		218	140 - 450	10*3
NEUTROPHILS, ABSOLUTE	L	1.03	2.00 - 7.30	K/uL
LYMPHOCYTES, ABSOLUTE		1.22	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE		0.47	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.21	0.0 - 0.5	K/ul
BASOPHILS, ABSOLUTE		0.02	0.0 - 0.2	K/uL
CREATININE(SERUM)				
CREATININE		0.86	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

PL105

O1LBP003

Component		Result Values	Reference Ranges	Units
If you are not African American, no significant chronic kidney disease found. Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aal54102				
CALCIUM (SERUM)				
CALCIUM	L	8.1	8.4 - 10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, ELECTROPHORESIS-URINE,
SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

000946 01 01 51 00000010012191

GroupHealth

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Laboratory Services
P.O. Box 34944
Seattle, WA 98124-1944

www.ghc.org

26 JAN 2013

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 22769235

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on JANUARY 22 2013 at Central Hospital Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.4	4.0 - 10.8	K/uL
RBC	L	3.49	3.90 - 5.60	10*6
HEMOGLOBIN	L	10.8	11.4 - 17.0	GM/DL
HEMATOCRIT	L	33	38 - 50	%
MCV		95	80 - 98	
MCH		31	27 - 34	
MCHC		33	33 - 37	%
RDW		16.9	8.0 - 18.5	
PLATELET COUNT		243	140 - 450	10*3
COMMENT		See Separate Manual Diff for Res		
A Manual Diff was added.				

PL105

O1LBP003

Component		Result Values	Reference Ranges	Units
DIFFERENTIAL				
NEUTROPHILS, ABSOLUTE	L	1.4	2.00 - 7.30	K/uL
LYMPHS, ABSOLUTE		1.46	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE		0.41	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.03	0.00 - 0.50	K/uL
BASOPHILS, ABSOLUTE		0.10	0.0 - 0.2	K/uL
METAMYELOCYTES, ABSOLUTE		0	0.0 - 0.0	K/uL
MYELOCYTES, ABSOLUTE		0	0.0 - 0.0	K/uL
PROMYELOCYTES, ABSOLUTE		0	0.0 - 0.0	K/uL
BLASTS, ABSOLUTE		0	0.0 - 0.0	K/uL
PLATELET ESTIMATE		Adequate		
ADDITIONAL FINDINGS		RBC Morphology Normal		
CREATININE(SERUM)				
CREATININE		0.77	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
If you are not African American, no significant chronic kidney disease found. Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aa154102				
CALCIUM (SERUM)				
CALCIUM		8.4	8.4 - 10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, and SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

GroupHealth.

CBC/PLT/DIFF (GHC)

About This Test

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Units	Flag
WBC	3.0	4.0-10.8	K/uL	L
RBC	3.32	3.90-5.60	10*6	L
HEMOGLOBIN	10.5	11.4-17.0	GM/DL	L
HEMATOCRIT	31	38-50	%	L
MCV	94	80-98		
MCH	32	27-34		
MCHC	34	33-37	%	
RDW	16.1	8.0-18.5		
PLATELET COUNT	218	140-450	10*3	
Neutrophils, Absolute	1.03	2.00-7.30	K/uL	L
Lymphocytes, Absolute	1.22	1.00-3.40	K/uL	
MONOCYTES, ABSOLUTE	0.47	0.00-0.80	K/uL	
Eosinophils, Absolute	0.21	0.0-0.5	K/ul	
Basophils, Absolute	0.02	0.0-0.2	K/uL	
COMMENT				

GRAPH OR CHART RESULTS

General Information

Collected: 3/14/2013 9:52 AM
Resulted: 3/14/2013 3:48 PM
Ordered By: Eric Y Chen, MD
Result Status: Final result

GroupHealth

CALCIUM

About This Test

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Units	Flag
CALCIUM	8.1	8.4-10.2	MG/DL	L

GRAPH OR CHART RESULTS

General Information

Collected: 3/14/2013 9:52 AM

Resulted: 3/14/2013 3:25 PM

Ordered By: Eric Y Chen, MD

Result Status: Final result

GroupHealth.

CREATININE

About This Test

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Units	Flag
CREATININE	0.86	0.50-1.40	MG/DL	
GFR -- AFRICAN AMERICAN	above 60	60 - 100	ML/MIN	
If you are African American, no significant chronic kidney disease found.				
GFR -- NON-AFRICAN AMERICAN	above 60	60 - 100	ML/MIN	
If you are not African American, no significant chronic kidney disease found.				

Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys.

You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aa154102

GRAPH OR CHART RESULTS

General Information

Collected: 3/14/2013 9:52 AM
Resulted: 3/14/2013 3:25 PM
Ordered By: Eric Y Chen, MD
Result Status: Final result

GroupHealth.

CBC/PLT/DIFF (GHC)

About This Test

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Units	Flag
WBC	3.4	4.0 - 10.8	K/uL	L
RBC	3.49	3.90 - 5.60	10*6	L
HEMOGLOBIN	10.8	11.4 - 17.0	GM/DL	L
HEMATOCRIT	33	38 - 50	%	L
MCV	95	80 - 98		
MCH	31	27 - 34		
MCHC	33	33 - 37	%	
RDW	16.9	8.0 - 18.5		
PLATELET COUNT	243	140 - 450	10*3	
COMMENT	See Separate Manual Diff for Results			

A Manual Diff was added.

GRAPH OR CHART RESULTS

General Information

Collected: 1/22/2013 7:58 AM
Resulted: 1/22/2013 8:04 PM
Ordered By: Eric Y Chen, MD
Result Status: Final result

GroupHealth

MANUAL DIFFERENTIAL (REFLEXED) (GHC)

About This Test

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Units	Flag
Neutrophils, Absolute	1.4	2.00 - 7.30	K/uL	L
Lymphocytes, Absolute	1.46	1.00 - 3.40	K/uL	
MONOCYTES, ABSOLUTE	0.41	0.00 - 0.80	K/uL	
Eosinophils, Absolute	0.03	0.00 - 0.50	K/uL	
Basophils, Absolute	0.10	0.0 - 0.2	K/uL	
Metamyelocytes, Absolute	0	0.0 - 0.0	K/uL	
Myelocytes, Absolute	0	0.0 - 0.0	K/uL	
Promyelocytes, Absolute	0	0.0 - 0.0	K/uL	
Blasts, Absolute	0	0.0 - 0.0	K/uL	
NRBC/100WBC		0 - 0	/100 wbc	
PLATELET ESTIMATE	Adequate			
ADDITIONAL FINDINGS - DIFFERENTIAL	RBC Morphology Normal			

GRAPH OR CHART RESULTS

General Information

Collected: 1/22/2013 7:58 AM

Resulted: 1/22/2013 8:04 PM

Ordered By: Eric Y Chen, MD

Result Status: Final result

GroupHealth

CREATININE

About This Test

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Units	Flag
CREATININE	0.77	0.50 - 1.40	MG/DL	
GFR -- AFRICAN AMERICAN	above 60	60 - 100	ML/MIN	
If you are African American, no significant chronic kidney disease found.				
GFR -- NON-AFRICAN AMERICAN	above 60	60 - 100	ML/MIN	
If you are not African American, no significant chronic kidney disease found.				

Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys.

You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aa154102

GRAPH OR CHART RESULTS

General Information

Collected: 1/22/2013 7:58 AM

Resulted: 1/22/2013 5:14 PM

Ordered By: Eric Y Chen, MD

Result Status: Final result

000752 01 01 51 00000010129938

GroupHealth
025215

Group Health Cooperative
Laboratory Services
P.O. Box 34944
Seattle, WA 98124-1944

www.ghc.org

24 NOV 2012

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 22747957

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on NOVEMBER 20 2012 at Central Hospital Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	2.7	4.0 - 10.8	K/uL
RBC	L	3.55	3.90 - 5.60	10*6
HEMOGLOBIN	L	10.9	11.4 - 17.0	GM/DL
HEMATOCRIT	L	33	38 - 50	%
MCV		93	80 - 98	
MCH		31	27 - 34	
MCHC		33	33 - 37	%
RDW		16.4	8.0 - 18.5	
PLATELET COUNT		184	140 - 450	10*3
COMMENT		See Separate Manual Diff for Res		
A Manual Diff was added.				

Component		Result Values	Reference Ranges	Units
DIFFERENTIAL				
NEUTROPHILS, ABSOLUTE	L	1.0	2.00 - 7.30	K/uL
LYMPHS, ABSOLUTE		1.27	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE		0.30	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.14	0.00 - 0.50	K/uL
BASOPHILS, ABSOLUTE		0.03	0.0 - 0.2	K/uL
METAMYELOCYTES, ABSOLUTE		0	0.0 - 0.0	K/uL
MYELOCYTES, ABSOLUTE		0	0.0 - 0.0	K/uL
PROMYELOCYTES, ABSOLUTE		0	0.0 - 0.0	K/uL
BLASTS, ABSOLUTE		0	0.0 - 0.0	K/uL
PLATELET ESTIMATE		Adequate		
ADDITIONAL FINDINGS	A	SEE COMMENT:		
Normal RBC Morphology				
Few Atypical Lymphocytes				
CREATININE(SERUM)				
CREATININE		0.84	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
If you are not African American, no significant chronic kidney disease found.				
Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aa154102				
CALCIUM (SERUM)				
CALCIUM	L	8.2	8.4 - 10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, and SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

001089 01 01 51 00000010121581

GroupHealth
025215

Group Health Cooperative
Laboratory Services
P.O. Box 34944
Seattle, WA 98124-1944

www.ghc.org

16 OCT 2012

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 09623038

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on OCTOBER 11 2012 at Northgate Medical Center Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT		4.3	4.0 - 10.8	K/uL
RBC	L	3.58	3.90 - 5.60	10*6
HEMOGLOBIN	L	11.1	11.4 - 17.0	GM/DL
HEMATOCRIT	L	33	38 - 50	%
MCV		93	80 - 98	
MCH		31	27 - 34	
MCHC		33	33 - 37	%
RDW		14.7	8.0 - 18.5	
PLATELET COUNT		210	140 - 450	10*3
NEUTROPHILS, ABSOLUTE		2.32	2.00 - 7.30	K/uL
LYMPHOCYTES, ABSOLUTE		1.27	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE		0.48	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.17	0.0 - 0.5	K/ul
BASOPHILS, ABSOLUTE		0.04	0.0 - 0.2	K/uL
CREATININE(SERUM)				
CREATININE		0.88	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

PL105

O1LBP003

Component	Result Values	Reference Ranges	Units

If you are not African American, no significant chronic kidney disease found.
Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aal54102

CALCIUM (SERUM)			
CALCIUM	8.7	8.4 - 10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, and SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

000886 01 01 51 0000010113351

GroupHealth
025215

Group Health Cooperative
Laboratory Services
P.O. Box 34944
Seattle, WA 98124-1944

www.ghc.org

11 SEP 2012

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 09615601

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on AUGUST 30 2012 at Northgate Medical Center Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.1	4.0 - 10.8	K/uL
RBC	L	3.41	3.90 - 5.60	10*6
HEMOGLOBIN	L	11.1	11.4 - 17.0	GM/DL
HEMATOCRIT	L	33	38 - 50	%
MCV		96	80 - 98	
MCH		33	27 - 34	
MCHC		34	33 - 37	%
RDW		13.7	8.0 - 18.5	
PLATELET COUNT		245	140 - 450	10*3
NEUTROPHILS, ABSOLUTE	L	1.04	2.00 - 7.30	K/uL
LYMPHOCYTES, ABSOLUTE		1.28	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE		0.66	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.05	0.0 - 0.5	K/ul
BASOPHILS, ABSOLUTE		0.04	0.0 - 0.2	K/uL
CREATININE(SERUM)				
CREATININE		0.81	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

PL105

O1LBP003

Component	Result Values	Reference Ranges	Units

If you are not African American, no significant chronic kidney disease found.
Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys.
You can find more information on our website at
http://www.ghc.org/kbase/topic.jhtml?docId=aa154102

CALCIUM (SERUM)			
CALCIUM	8.9	8.4 - 10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, IMMUNOFIXATION ELECTROPHORESIS, SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

GroupHealth.

CBC/PLT/DIFF (GHC)

About This Test

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Units	Flag
WBC	3.1	4.0 - 10.8	K/uL	L
RBC	3.41	3.90 - 5.60	10*6	L
HEMOGLOBIN	11.1	11.4 - 17.0	GM/DL	L
HEMATOCRIT	33	38 - 50	%	L
MCV	96	80 - 98		
MCH	33	27 - 34		
MCHC	34	33 - 37	%	
RDW	13.7	8.0 - 18.5		
PLATELET COUNT	245	140 - 450	10*3	
Neutrophils, Absolute	1.04	2.00 - 7.30	K/uL	L
Lymphocytes, Absolute	1.28	1.00 - 3.40	K/uL	
MONOCYTES, ABSOLUTE	0.66	0.00 - 0.80	K/uL	
Eosinophils, Absolute	0.05	0.0 - 0.5	K/ul	
Basophils, Absolute	0.04	0.0 - 0.2	K/uL	
COMMENT				

GRAPH OR CHART RESULTS

General Information

Collected: 8/30/2012 11:09 AM
Resulted: 8/30/2012 4:23 PM
Ordered By: Eric Chen, MD
Result Status: Final result

GroupHealth.

CBC/PLT/DIFF (GHC)

About This Test

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Units	Flag
WBC	3.1	4.0 - 10.8	K/uL	L
RBC	3.41	3.90 - 5.60	10*6	L
HEMOGLOBIN	11.1	11.4 - 17.0	GM/DL	L
HEMATOCRIT	33	38 - 50	%	L
MCV	96	80 - 98		
MCH	33	27 - 34		
MCHC	34	33 - 37	%	
RDW	14.3	8.0 - 18.5		
PLATELET COUNT	203	140 - 450	10*3	
Neutrophils, Absolute	1.25	2.00 - 7.30	K/uL	L
Lymphocytes, Absolute	1.33	1.00 - 3.40	K/uL	
MONOCYTES, ABSOLUTE	0.40	0.00 - 0.80	K/uL	
Eosinophils, Absolute	0.05	0.0 - 0.5	K/ul	
Basophils, Absolute	0.02	0.0 - 0.2	K/uL	
COMMENT				

GRAPH OR CHART RESULTS

General Information

Collected: 7/19/2012 8:09 AM
Resulted: 7/19/2012 4:00 PM
Ordered By: Eric Chen, MD
Result Status: Final result

GroupHealth.

CREATININE

About This Test

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Units	Flag
CREATININE	0.81	0.50 - 1.40	MG/DL	
GFR -- AFRICAN AMERICAN	above 60	60 - 100	ML/MIN	
If you are African American, no significant chronic kidney disease found.				
GFR -- NON-AFRICAN AMERICAN	above 60	60 - 100	ML/MIN	
If you are not African American, no significant chronic kidney disease found.				

Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys.

You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aa154102

GRAPH OR CHART RESULTS

General Information

Collected: 8/30/2012 11:09 AM

Resulted: 8/30/2012 4:15 PM

Ordered By: Eric Chen, MD

Result Status: Final result

GroupHealth.

KAPPA/LAMBDA FREE LIGHT CHAINS W/RATIO (GHC)

About This Test

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Units	Flag
LAMBDA FREE LIGHT CHAINS, SERUM	29.40	0.57 - 2.63	mg/dL	H
KAPPA FREE LIGHT CHAINS, SERUM	0.97	0.33 - 1.94	mg/dL	
KAPPA/LAMBDA FREE LIGHT CHAINS RATIO	0.03	0.26 - 1.65		L

Performed by ARUP Laboratories,
500 Chipeta Way, SLC,UT 84108 800-522-2787
www.aruplab.com, Sherrie L. Perkins, MD, Lab. Director
NOTE: Change in units from mg/L to mg/dL.
Previous results are different by a factor of 10.
The ratio is unchanged.
Renal failure causes increased levels of both Kappa
and Lambda light chains due to decrease clearance.
Renal Impairment reference range: RATIO 0.37-3.1
.....
Note to Physicians: In very rare cases the free light chain
assay can give a false low result when a sample has extreme-
ly high value which is called antigen excess.
Results should be considered in conjunction with other
laboratory tests (IFE/SPE) and the patient's clinical
condition. Please contact AMB Chemistry Laboratory if
antigen excess is suspected for dilution studies.

GRAPH OR CHART RESULTS

General Information

Collected: 8/30/2012 11:09 AM
Resulted: 8/31/2012 4:41 PM
Ordered By: Eric Chen, MD
Result Status: Final result

IMMUNOFIX SERUM

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Units	Flag
IMMUNOFIXATION, SERUM	SEE COMMENT:			A

IFE gel pattern shows a dimerizing IgA type
lambda monoclonal protein.
A color scan of the electrophoresis report can be downloaded
at: http://aruplab.com/Lab-Reports
In the Enhanced Laboratory Reports section at the above URL,
enter the following:
USERNAME: 12201132486
PASSWORD: KLtHf8hqFCK
INTERPRETIVE INFORMATION: Immunofixation Electrophoresis Gel
This information should be correlated with the results of
serum protein electrophoresis, quantitative immunoglobulins
and other clinical and laboratory information.
Performed by ARUP Laboratories,
500 Chipeta Way, SLC,UT 84108 800-522-2787
www.aruplab.com, Sherrie L. Perkins, MD, Lab. Director

General Information

Collected: 7/19/2012 8:09 AM
Resulted: 7/25/2012 9:03 AM
Ordered By: Eric Chen, MD
Result Status: Final result

BACK TO LAB LIST

KAPPA/LAMBDA FREE LIGHT CHAINS W/RATIO (GHC)

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Units	Flag
LAMBDA FREE LIGHT CHAINS, SERUM	25.40	0.57 - 2.63	mg/dL	H
KAPPA FREE LIGHT CHAINS, SERUM	0.33	0.33 - 1.94	mg/dL	
KAPPA/LAMBDA FREE LIGHT CHAINS RATIO	0.01	0.26 - 1.65		L

Performed by ARUP Laboratories,
500 Chipeta Way, SLC,UT 84108 800-522-2787
www.aruplab.com, Sherrie L. Perkins, MD, Lab. Director
NOTE: Change in units from mg/L to mg/dL.
Previous results are different by a factor of 10.
The ratio is unchanged.
Renal failure causes increased levels of both Kappa
and Lambda light chains due to decrease clearance.
Renal Impairment reference range: RATIO 0.37-3.1
.....
Note to Physicians: In very rare cases the free light chain
assay can give a false low result when a sample has extreme-
ly high value which is called antigen excess.
Results should be considered in conjunction with other
laboratory tests (IFE/SPE) and the patient's clinical
condition. Please contact AMB Chemistry Laboratory if
antigen excess is suspected for dilution studies.

General Information

Collected: 7/19/2012 8:09 AM
Resulted: 7/21/2012 9:53 AM
Ordered By: Eric Chen, MD
Result Status: Final result

BACK TO LAB LIST

KAPPA/LAMBDA FREE LIGHT CHAINS W/RATIO (GHC)

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Units	Flag
LAMBDA FREE LIGHT CHAINS, SERUM	11.80	0.57 - 2.63	mg/dL	H
KAPPA FREE LIGHT CHAINS, SERUM	0.63	0.33 - 1.94	mg/dL	
KAPPA/LAMBDA FREE LIGHT CHAINS RATIO	0.05	0.26 - 1.65		L

Performed by ARUP Laboratories,
500 Chipeta Way, SLC,UT 84108 800-522-2787
www.aruplab.com, Sherrie L. Perkins, MD, Lab. Director
NOTE: Change in units from mg/L to mg/dL.
Previous results are different by a factor of 10.
The ratio is unchanged.
Renal failure causes increased levels of both Kappa
and Lambda light chains due to decrease clearance.
Renal Impairment reference range: RATIO 0.37-3.1
.....
Note to Physicians: In very rare cases the free light chain
assay can give a false low result when a sample has extreme-
ly high value which is called antigen excess.
Results should be considered in conjunction with other
laboratory tests (IFE/SPE) and the patient's clinical
condition. Please contact AMB Chemistry Laboratory if
antigen excess is suspected for dilution studies.

General Information

Collected: 5/15/2012 8:00 AM
Resulted: 5/16/2012 7:22 PM
Ordered By: Eric Chen, MD
Result Status: Final result

BACK TO LAB LIST

KAPPA/LAMBDA FREE LIGHT CHAINS W/RATIO (GHC)

Graph Components

Here are the test components you selected. You may change this display to:

- **Compare components from earlier tests**. Type in the number of test results or a date range in the boxes below. Click "view."
- **Switch type of display**. Choose "chart," "line graph," or "bar graph."
- **Show different components** from this test result. Click "change component selection" below."

Chart

Name	5/20/2011	8/17/2011	12/27/2011	3/22/2012
LAMBDA FREE LIGHT CHAINS, SERUM	61.68 H	62.65 H	8.14 H	10.20 H

CHANGE COMPONENT SELECTION

CBC/PLT/DIFF (GHC)

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Units	Flag
WBC	3.4	4.0 - 10.8	K/uL	L
RBC	3.60	3.90 - 5.60	10*6	L
HEMOGLOBIN	11.5	11.4 - 17.0	GM/DL	
HEMATOCRIT	34	38 - 50	%	L
MCV	94	80 - 98		
MCH	32	27 - 34		
MCHC	34	33 - 37	%	
RDW	15.8	8.0 - 18.5		
PLATELET COUNT	201	140 - 450	10*3	
Neutrophils, Absolute	1.44	2.00 - 7.30	K/uL	L
Lymphocytes, Absolute	1.45	1.00 - 3.40	K/uL	
MONOCYTES, ABSOLUTE	0.39	0.00 - 0.80	K/uL	
Eosinophils, Absolute	0.06	0.0 - 0.5	K/ul	
Basophils, Absolute	0.02	0.0 - 0.2	K/uL	
COMMENT				

General Information

Collected: 5/15/2012 8:00 AM
Resulted: 5/15/2012 3:41 PM
Ordered By: Eric Chen, MD
Result Status: Final result

BACK TO LAB LIST

001035 01 01 51 0000010102859

GroupHealth
025215

Group Health Cooperative
Laboratory Services
P.O. Box 34944
Seattle, WA 98124-1944

www.ghc.org

26 JUL 2012

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 09607971

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on JULY 19 2012 at Northgate Medical Center Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.1	4.0 - 10.8	K/uL
RBC	L	3.41	3.90 - 5.60	10*6
HEMOGLOBIN	L	11.1	11.4 - 17.0	GM/DL
HEMATOCRIT	L	33	38 - 50	%
MCV		96	80 - 98	
MCH		33	27 - 34	
MCHC		34	33 - 37	%
RDW		14.3	8.0 - 18.5	
PLATELET COUNT		203	140 - 450	10*3
NEUTROPHILS, ABSOLUTE	L	1.25	2.00 - 7.30	K/uL
LYMPHOCYTES, ABSOLUTE		1.33	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE		0.40	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.05	0.0 - 0.5	K/ul
BASOPHILS, ABSOLUTE		0.02	0.0 - 0.2	K/uL

Other tests collected:
FREE LIGHT CHAIN ASSAY, ELECTROPHORESIS-URINE, IMMUNOFIXATION ELECTROPHORESIS, SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

PL105

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

000931 01 01 51 00000010088807

GroupHealth
025215

Group Health Cooperative
Laboratory Services
P.O. Box 34944
Seattle, WA 98124-1944

www.ghc.org

23 MAY 2012

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 09595740

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on MAY 15 2012 at Northgate Medical Center Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.4	4.0 - 10.8	K/uL
RBC	L	3.60	3.90 - 5.60	10*6
HEMOGLOBIN		11.5	11.4 - 17.0	GM/DL
HEMATOCRIT	L	34	38 - 50	%
MCV		94	80 - 98	
MCH		32	27 - 34	
MCHC		34	33 - 37	%
RDW		15.8	8.0 - 18.5	
PLATELET COUNT		201	140 - 450	10*3
NEUTROPHILS, ABSOLUTE	L	1.44	2.00 - 7.30	K/uL
LYMPHOCYTES, ABSOLUTE		1.45	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE		0.39	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.06	0.0 - 0.5	K/ul
BASOPHILS, ABSOLUTE		0.02	0.0 - 0.2	K/uL
CREATININE(SERUM)				
CREATININE		0.89	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

PL105

O1LBP003

Component	Result Values	Reference Ranges	Units

If you are not African American, no significant chronic kidney disease found.
Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aa154102

CALCIUM (SERUM)			
CALCIUM	9.6	8.4 - 10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, ELECTROPHORESIS-URINE,
SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

001091 01 01 51 00000010074956

GroupHealth
025215

Group Health Cooperative
Laboratory Services
P.O. Box 34944
Seattle, WA 98124-1944

www.ghc.org

24 MAR 2012

Ivan C Doig
17277 15TH AVE NW
SHORELINE WA 98177

Consumer: 00215848
Lab ID: 09585773

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on MARCH 22 2012 at Northgate Medical Center Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.7	4.0 - 10.8	K/uL
RBC	L	3.83	3.90 - 5.60	10*6
HEMOGLOBIN		12.0	11.4 - 17.0	GM/DL
HEMATOCRIT	L	36	38 - 50	%
MCV		94	80 - 98	
MCH		31	27 - 34	
MCHC		33	33 - 37	%
RDW		15.2	8.0 - 18.5	
PLATELET COUNT		197	140 - 450	10*3
NEUTROPHILS, ABSOLUTE	L	1.50	2.00 - 7.30	K/uL
LYMPHOCYTES, ABSOLUTE		1.41	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE		0.60	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.10	0.0 - 0.5	K/ul
BASOPHILS, ABSOLUTE		0.04	0.0 - 0.2	K/uL
CREATININE(SERUM)				
CREATININE		0.86	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

PL105

O1LBP003

Component	Result Values	Reference Ranges	Units

If you are not African American, no significant chronic kidney disease found.
Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aa154102

CALCIUM (SERUM)			
CALCIUM	9.2	8.4 - 10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, ELECTROPHORESIS-URINE,
SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

CBC/PLT/DIFF (GHC)

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Units	Flag
WBC	3.7	4.0 - 10.8	K/uL	L
RBC	3.83	3.90 - 5.60	10*6	L
HEMOGLOBIN	12.0	11.4 - 17.0	GM/DL	
HEMATOCRIT	36	38 - 50	%	L
MCV	94	80 - 98		
MCH	31	27 - 34		
MCHC	33	33 - 37	%	
RDW	15.2	8.0 - 18.5		
PLATELET COUNT	197	140 - 450	10*3	
Neutrophils, Absolute	1.50	2.00 - 7.30	K/uL	L
Lymphocytes, Absolute	1.41	1.00 - 3.40	K/uL	
MONOCYTES, ABSOLUTE	0.60	0.00 - 0.80	K/uL	
Eosinophils, Absolute	0.10	0.0 - 0.5	K/ul	
Basophils, Absolute	0.04	0.0 - 0.2	K/uL	
COMMENT				

General Information

Collected: 3/22/2012 8:00 AM
Resulted: 3/22/2012 4:27 PM
Ordered By: Eric Chen, MD
Result Status: Final result

BACK TO LAB LIST

001134 01 01 51 00000010055373

GroupHealth
025215

Group Health Cooperative
Laboratory Services
P.O. Box 34944
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www.ghc.org

30 DEC 2011

Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 22631817

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on DECEMBER 27 2011 at Central Hospital Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.7	4.0 - 10.8	K/uL
RBC		3.93	3.90 - 5.60	10*6
HEMOGLOBIN		12.1	11.4 - 17.0	GM/DL
HEMATOCRIT	L	37	38 - 50	%
MCV		93	80 - 98	
MCH		31	27 - 34	
MCHC		33	33 - 37	%
RDW		15.9	8.0 - 18.5	
PLATELET COUNT		214	140 - 450	10*3
NEUTROPHILS, ABSOLUTE	L	1.48	2.00 - 7.30	K/uL
LYMPHOCYTES, ABSOLUTE		1.33	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE		0.75	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.05	0.0 - 0.5	K/ul
BASOPHILS, ABSOLUTE		0.04	0.0 - 0.2	K/uL
CREATININE(SERUM)				
CREATININE		0.92	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

PL105

O1LBP003

Component	Result Values	Reference Ranges	Units

If you are not African American, no significant chronic kidney disease found.
Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aa154102

CALCIUM (SERUM)			
CALCIUM	9.6	8.4 - 10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, and SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

Complete Blood Count (CBC)

Test Overview

A complete blood count (CBC) gives important information about the kinds and numbers of cells in the blood, especially red blood cells, white blood cells, and platelets. A CBC helps your health professional check any symptoms, such as weakness, fatigue, or bruising, you may have. A CBC also helps him or her diagnose conditions, such as anemia, infection, and many other disorders.

A CBC test usually includes:

- **White blood cell (WBC, leukocyte) count.** White blood cells protect the body against infection. If an infection develops, white blood cells attack and destroy the bacteria, virus, or other organism causing it. White blood cells are bigger than red blood cells but fewer in number. When a person has a bacterial infection, the number of white cells rises very quickly. The number of white blood cells is sometimes used to find an infection or to see how the body is dealing with cancer treatment.
- **White blood cell types (WBC differential).** The major types of white blood cells are neutrophils, lymphocytes, monocytes, eosinophils, and basophils. Immature neutrophils, called band neutrophils, are also part of this test. Each type of cell plays a different role in protecting the body. The numbers of each one of these types of white blood cells give important information about the immune system. Too many or too few of the different types of white blood cells can help find an infection, an allergic or toxic reaction to medicines or chemicals, and many conditions, such as leukemia.
- **Red blood cell (RBC) count.** Red blood cells carry oxygen from the lungs to the rest of the body. They also carry carbon dioxide back to the lungs so it can be exhaled. If the RBC count is low (anemia), the body may not be getting the oxygen it needs. If the count is too high (a condition called polycythemia), there is a chance that the red blood cells will clump together and block tiny blood vessels (capillaries). This also makes it hard for your red blood cells to carry oxygen.
- **Hematocrit (HCT, packed cell volume, PCV).** This test measures the amount of space (volume) red blood cells take up in the blood. The value is given as a percentage of red blood cells in a volume of blood. For example, a hematocrit of 38 means that 38% of the blood's volume is made of red blood cells. Hematocrit and hemoglobin values are the two major

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How this information was developed.

tests that show if anemia or polycythemia is present.

- **Hemoglobin (Hgb).** The hemoglobin molecule fills up the red blood cells. It carries oxygen and gives the blood cell its red color. The hemoglobin test measures the amount of hemoglobin in blood and is a good measure of the blood's ability to carry oxygen throughout the body.
- **Red blood cell indices.** There are three red blood cell indices: mean corpuscular volume (MCV), mean corpuscular hemoglobin (MCH), and mean corpuscular hemoglobin concentration (MCHC). They are measured by a machine and their values come from other measurements in a CBC. The MCV shows the size of the red blood cells. The MCH value is the amount of hemoglobin in an average red blood cell. The MCHC measures the concentration of hemoglobin in an average red blood cell. These numbers help in the diagnosis of different types of anemia. Red cell distribution width (RDW) can also be measured which shows if the cells are all the same or different sizes or shapes.
- **Platelet (thrombocyte) count.** Platelets (thrombocytes) are the smallest type of blood cell. They are important in blood clotting. When bleeding occurs, the platelets swell, clump together, and form a sticky plug that helps stop the bleeding. If there are too few platelets, uncontrolled bleeding may be a problem. If there are too many platelets, there is a chance of a blood clot forming in a blood vessel. Also, platelets may be involved in hardening of the arteries (atherosclerosis).
- **Mean platelet volume (MPV).** Mean platelet volume measures the average amount (volume) of platelets. Mean platelet volume is used along with platelet count to diagnose some diseases. If the platelet count is normal, the mean platelet volume can still be too high or too low.

Your doctor may order a blood smear test to be done at the same time as a CBC but it is not part of the regular CBC test. In this test, a drop of blood is spread (smeared) on a slide and stained with a special dye. The slide is looked at under a microscope. The number, size, and shape of red blood cells, white blood cells, and platelets are recorded. Blood cells with different shapes or sizes can help diagnose many blood diseases, such as leukemia, malaria, or sickle cell disease.

▲ Top Next ▶

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Author: Healthwise Staff
Medical Review: Anne C. Poinier, MD - Internal Medicine
Joseph O'Donnell, MD - Hematology, Oncology
Last Updated: September 12, 2008

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Laboratory Services
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Seattle, WA 98124-1944

www.ghc.org

23 AUG 2011

Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 09545665

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on AUGUST 17 2011 at Northgate Medical Center Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	2.8	4.0 - 10.8	K/uL
RBC	L	3.88	3.90 - 5.60	10*6
HEMOGLOBIN		12.0	11.4 - 17.0	GM/DL
HEMATOCRIT	L	36	38 - 50	%
MCV		92	80 - 98	
MCH		31	27 - 34	
MCHC		34	33 - 37	%
RDW		14.5	8.0 - 18.5	
PLATELET COUNT		209	140 - 450	10*3
NEUTROPHILS, ABSOLUTE	L	1.02	2.00 - 7.30	K/uL
LYMPHOCYTES, ABSOLUTE		1.12	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE		0.47	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.07	0.0 - 0.5	K/ul
BASOPHILS, ABSOLUTE		0.08	0.0 - 0.2	K/uL
CREATININE(SERUM)				
CREATININE		0.88	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

PL105

O1LBP003

Component	Result Values	Reference Ranges	Units

If you are not African American, no significant chronic kidney disease found.
Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys. You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aa154102

CALCIUM (SERUM)			
CALCIUM	9.1	8.4 - 10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, and SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

ELECTROPHORESIS SERUM PROTEIN (GHC)

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Flag
TOTAL PROTEIN	6.1	5.8-8.0 G/DL	
%PREALBUMIN-SPE	0.0	0-1 %	
% ALBUMIN-SPE	64.4	58.0-70.0 %	
% ALPHA I-SPE	1.3	1.4-3.1 %	L
% ALPHA II-SPE	13.0	7.2-12.4 %	H
% BETA-SPE	9.4	8.4-12.8 %	
% GAMMA-SPE	11.9	7.5-17.0 %	
PREALBUMIN-SPE	0.00	0.0-0.1 G/DL	
ALBUMIN-SPE	3.93	4.20-5.20 G/DL	L
ALPHA I-SPE	0.08	0.11-0.26 G/DL	L
ALPHA II-SPE	0.79	0.55-0.94 G/DL	
BETA-SPE	0.57	0.55-1.00 G/DL	
GAMMA-SPE	0.73	0.50-1.30 G/DL	
SPE INTERPRETATION	SEE COMMENT: M-spike is unchanged, now 5% of serum proteins or 0.3 g/dl. L. MACDOUGALL, MD	-	A

General Information

Collected: 10/13/2008 8:02 AM

Resulted: 10/15/2008 6:03 PM

Ordered By: Steven Ginsberg, MD

Result Status: Final result

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ELECTROPHORESIS SERUM PROTEIN (GHC)

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Flag
TOTAL PROTEIN	5.9	5.8-8.0 G/DL	
%PREALBUMIN-SPE	0.0	0-1 %	
% ALBUMIN-SPE	64.9	58.0-70.0 %	
% ALPHA I-SPE	1.5	1.4-3.1 %	
% ALPHA II-SPE	13.2	7.2-12.4 %	H
% BETA-SPE	9.7	8.4-12.8 %	
% GAMMA-SPE	10.7	7.5-17.0 %	
PREALBUMIN-SPE	0.00	0.0-0.1 G/DL	
ALBUMIN-SPE	3.83	4.20-5.20 G/DL	L
ALPHA I-SPE	0.09	0.11-0.26 G/DL	L
ALPHA II-SPE	0.78	0.55-0.94 G/DL	
BETA-SPE	0.57	0.55-1.00 G/DL	
GAMMA-SPE	0.63	0.50-1.30 G/DL	
SPE INTERPRETATION	SEE COMMENT:	-	A
	No change; M-spike is 4% of serum proteins or 0.2 g/dL. K.Riddell,MD		

General Information

Collected: 8/28/2008 8:03 AM

Resulted: 8/29/2008 12:33 PM

Ordered By: Steven Ginsberg, MD

Result Status: Final result

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ELECTROPHORESIS SERUM PROTEIN (GHC)

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Flag
TOTAL PROTEIN	6.3	5.8-8.0 G/DL	
%PREALBUMIN-SPE	0.0	0-1 %	
% ALBUMIN-SPE	65.3	58.0-70.0 %	
% ALPHA I-SPE	1.3	1.4-3.1 %	L
% ALPHA II-SPE	11.8	7.2-12.4 %	
% BETA-SPE	9.2	8.4-12.8 %	
% GAMMA-SPE	12.4	7.5-17.0 %	
PREALBUMIN-SPE	0.00	0.0-0.1 G/DL	
ALBUMIN-SPE	4.11	4.20-5.20 G/DL	L
ALPHA I-SPE	0.08	0.11-0.26 G/DL	L
ALPHA II-SPE	0.74	0.55-0.94 G/DL	
BETA-SPE	0.58	0.55-1.00 G/DL	
GAMMA-SPE	0.78	0.50-1.30 G/DL	
SPE INTERPRETATION	SEE COMMENT: M-spike has increased to 4% of serum proteins or 0.3 g/dL. K.Riddell,MD	-	A

General Information

Collected: 5/19/2008 8:07 AM

Resulted: 5/22/2008 12:39 PM

Ordered By: Steven Ginsberg, MD

Result Status: Final result

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ELECTROPHORESIS SERUM PROTEIN (GHC)

About this test

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Flag
TOTAL PROTEIN	5.9	5.8-8.0 G/DL	
%PREALBUMIN-SPE	0.0	0-1 %	
% ALBUMIN-SPE	56.2	58.0-70.0 %	L
% ALPHA I-SPE	1.7	1.4-3.1 %	
% ALPHA II-SPE	15.5	7.2-12.4 %	H
% BETA-SPE	23.4	8.4-12.8 %	H
% GAMMA-SPE	3.2	7.5-17.0 %	L
PREALBUMIN-SPE	0.00	0.0-0.1 G/DL	
ALBUMIN-SPE	3.32	4.20-5.20 G/DL	L
ALPHA I-SPE	0.10	0.11-0.26 G/DL	L
ALPHA II-SPE	0.91	0.55-0.94 G/DL	
BETA-SPE	1.38	0.55-1.00 G/DL	H
GAMMA-SPE	0.19	0.50-1.30 G/DL	L
SPE INTERPRETATION	SEE COMMENT:	-	A
	No change; M-spike is 21% of serum proteins or 1.2 g/dL. K.Riddell,M.D.		

General Information

Collected: 3/26/2007 8:08 AM

Resulted: 3/29/2007 2:17 PM

Ordered By: STEVEN GINSBERG, MD

Result Status: Final result

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ELECTROPHORESIS SERUM PROTEIN (GHC)

About this test

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Flag
TOTAL PROTEIN	5.4	5.8-8.0 G/DL	L
%PREALBUMIN-SPE	0.0	0-1 %	
% ALBUMIN-SPE	55.3	58.0-70.0 %	L
% ALPHA I-SPE	2.1	1.4-3.1 %	
% ALPHA II-SPE	19.0	7.2-12.4 %	H
% BETA-SPE	20.0	8.4-12.8 %	H
% GAMMA-SPE	3.6	7.5-17.0 %	L
PREALBUMIN-SPE	0.00	0.0-0.1 G/DL	
ALBUMIN-SPE	2.99	4.20-5.20 G/DL	L
ALPHA I-SPE	0.11	0.11-0.26 G/DL	
ALPHA II-SPE	1.03	0.55-0.94 G/DL	H
BETA-SPE	1.08	0.55-1.00 G/DL	H
GAMMA-SPE	0.19	0.50-1.30 G/DL	L
SPE INTERPRETATION	SEE COMMENT:	-	A
	Marked decrease in monoclonal protein, now 18% of serum protein or 1.0 g/dl. L. MACDOUGALL, MD		

General Information

Collected: 2/26/2007 7:58 AM

Resulted: 2/27/2007 5:03 PM

Ordered By: STEVEN GINSBERG, MD

Result Status: Final result

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ELECTROPHORESIS SERUM PROTEIN (GHC)

About this test

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Flag
TOTAL PROTEIN	5.9	5.8-8.0 G/DL	
%PREALBUMIN-SPE	0.0	0-1 %	
% ALBUMIN-SPE	58.2	58.0-70.0 %	
% ALPHA I-SPE	1.4	1.4-3.1 %	
% ALPHA II-SPE	14.1	7.2-12.4 %	H
% BETA-SPE	23.4	8.4-12.8 %	H
% GAMMA-SPE	2.9	7.5-17.0 %	L
PREALBUMIN-SPE	0.00	0.0-0.1 G/DL	
ALBUMIN-SPE	3.43	4.20-5.20 G/DL	L
ALPHA I-SPE	0.08	0.11-0.26 G/DL	L
ALPHA II-SPE	0.83	0.55-0.94 G/DL	
BETA-SPE	1.38	0.55-1.00 G/DL	H
GAMMA-SPE	0.17	0.50-1.30 G/DL	L
SPE INTERPRETATION	SEE COMMENT:	-	A
	M-spike has decreased to 12% of serum proteins or 0.7 g/dL. K.Riddell,M.D.		

General Information

Collected: 1/25/2007 7:58 AM
Resulted: 1/26/2007 1:03 PM
Ordered By: STEVEN GINSBERG, MD
Result Status: Final result

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CBC/PLT/DIFF (GHC)

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Units	Flag
WBC	2.8	4.0 - 10.8	K/uL	L
RBC	3.88	3.90 - 5.60	10*6	L
HEMOGLOBIN	12.0	11.4 - 17.0	GM/DL	
HEMATOCRIT	36	38 - 50	%	L
MCV	92	80 - 98		
MCH	31	27 - 34		
MCHC	34	33 - 37	%	
RDW	14.5	8.0 - 18.5		
PLATELET COUNT	209	140 - 450	10*3	
Neutrophils, Absolute	1.02	2.00 - 7.30	K/uL	L
Lymphocytes, Absolute	1.12	1.00 - 3.40	K/uL	
MONOCYTES, ABSOLUTE	0.47	0.00 - 0.80	K/uL	
Eosinophils, Absolute	0.07	0.0 - 0.5	K/ul	
Basophils, Absolute	0.08	0.0 - 0.2	K/uL	
COMMENT				

General Information

Collected: 8/17/2011 8:01 AM
Resulted: 8/17/2011 4:19 PM
Ordered By: Eric Chen, MD
Result Status: Final result

BACK TO LAB LIST

CALCIUM

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Units	Flag
CALCIUM	9.1	8.4 - 10.2	MG/DL	

GRAPH OR CHART RESULTS

General Information

Collected: 8/17/2011 8:01 AM
Resulted: 8/17/2011 4:23 PM
Ordered By: Eric Chen, MD
Result Status: Final result

BACK TO LAB LIST

CREATININE

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Units	Flag
CREATININE	0.88	0.50 - 1.40	MG/DL	
GFR -- AFRICAN AMERICAN	above 60	60 - 100	ML/MIN	
If you are African American, no significant chronic kidney disease found.				
GFR -- NON-AFRICAN AMERICAN	above 60	60 - 100	ML/MIN	
If you are not African American, no significant chronic kidney disease found.				

Patients with a GFR of 60 ml/min or less might be at risk for chronic kidney disease and will need to be tested again to confirm. Some decrease in kidney function generally happens naturally as people age. Certain medicines and other health conditions can also affect your kidneys. Talk to your doctor to find out what steps you can take to protect your kidneys.

You can find more information on our website at http://www.ghc.org/kbase/topic.jhtml?docId=aa154102

General Information

Collected: 8/17/2011 8:01 AM

Resulted: 8/17/2011 4:23 PM

Ordered By: Eric Chen, MD

Result Status: Final result

BACK TO LAB LIST

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26 MAY 2011

Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 22555698

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on MAY 20 2011 at Central Hospital Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.7	4.0 - 10.8	K/uL
RBC	L	3.84	3.90 - 5.60	10*6
HEMOGLOBIN		12.0	11.4 - 17.0	GM/DL
HEMATOCRIT	L	36	38 - 50	%
MCV		93	80 - 98	
MCH		31	27 - 34	
MCHC		34	33 - 37	%
RDW		15.4	8.0 - 18.5	
PLATELET COUNT		199	140 - 450	10*3
NEUTROPHILS, ABSOLUTE	L	1.26	2.00 - 7.30	K/uL
LYMPHOCYTES, ABSOLUTE		1.68	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE		0.58	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.11	0.0 - 0.5	K/ul
BASOPHILS, ABSOLUTE		0.07	0.0 - 0.2	K/uL
CREATININE(SERUM)				
CREATININE		0.95	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
If you are not African American, no significant chronic kidney disease found.				

O1LBP003

Component	Result Values	Reference Ranges	Units

Estimated glomerular filtration rate (eGFR) is a test to measure how well the kidneys are working. A low eGFR means that you have reduced kidney function. This is influenced by age, medicines and certain health conditions, like high blood pressure or diabetes. Older adults usually have some decrease in kidney function over time. It is usually mild and doesn't impact daily life. It's important to know if you have a low eGFR because extra steps are needed to protect your kidneys for certain tests and medicines. Talk with your doctor if you have any questions.

CALCIUM (SERUM)

CALCIUM	9.2	8.4 - 10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, and SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

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29 JAN 2011

095201

Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 09507119

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on JANUARY 25 2011 at Northgate Medical Center Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT		5.3	4.0 - 10.8	K/uL
RBC	L	3.84	3.90 - 5.60	10*6
HEMOGLOBIN		12.0	11.4 - 17.0	GM/DL
HEMATOCRIT	L	36	38 - 50	%
MCV		94	80 - 98	
MCH		31	27 - 34	
MCHC		33	33 - 37	%
RDW		14.4	8.0 - 18.5	
PLATELET COUNT		254	140 - 450	10*3
NEUTROPHILS, ABSOLUTE		2.81	2.00 - 7.30	K/uL
LYMPHOCYTES, ABSOLUTE		1.22	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE	H	1.12	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.06	0.0 - 0.5	K/ul
BASOPHILS, ABSOLUTE		0.06	0.0 - 0.2	K/uL
CREATININE(SERUM)				
CREATININE		1.01	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
If you are not African American, no significant chronic kidney disease found.				

O1LBP003

Component	Result Values	Reference Ranges	Units

Estimated glomerular filtration rate (eGFR) is a test to measure how well the kidneys are working. A low eGFR means that you have reduced kidney function. This is influenced by age, medicines and certain health conditions, like high blood pressure or diabetes. Older adults usually have some decrease in kidney function over time. It is usually mild and doesn't impact daily life. It's important to know if you have a low eGFR because extra steps are needed to protect your kidneys for certain tests and medicines. Talk with your doctor if you have any questions.

CALCIUM (SERUM)			
CALCIUM	8.9	8.4 - 10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, and SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

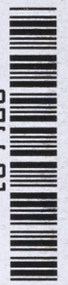
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18 AUG 2010



Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 22456836

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on AUGUST 13 2010 at Central Hospital Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.5	4.0 - 10.8	K/uL
RBC		3.98	3.90 - 5.60	10*6
HEMOGLOBIN		12.6	11.4 - 17.0	GM/DL
HEMATOCRIT	L	37	38 - 50	%
MCV		94	80 - 98	
MCH		32	27 - 34	
MCHC		34	33 - 37	%
RDW		14.9	8.0 - 18.5	
PLATELET COUNT		205	140 - 450	10*3
NEUTROPHILS, ABSOLUTE	L	1.26	2.00 - 7.30	K/uL
LYMPHOCYTES, ABSOLUTE		1.44	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE		0.69	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.07	0.0 - 0.5	K/ul
BASOPHILS, ABSOLUTE		0.05	0.0 - 0.2	K/uL
CREATININE(SERUM)				
CREATININE		0.89	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
If you are not African American, no significant chronic kidney disease found.				

Component	Result Values	Reference Ranges	Units

Estimated glomerular filtration rate (eGFR) is a test to measure how well the kidneys are working. A low eGFR means that you have reduced kidney function. This is influenced by age, medicines and certain health conditions, like high blood pressure or diabetes. Older adults usually have some decrease in kidney function over time. It is usually mild and doesn't impact daily life. It's important to know if you have a low eGFR because extra steps are needed to protect your kidneys for certain tests and medicines. Talk with your doctor if you have any questions.

Other tests collected:
FREE LIGHT CHAIN ASSAY, and SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

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17 APR 2010

123401

Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 09455340

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on APRIL 13 2010 at Northgate Medical Center Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.5	4.0 - 10.8	K/uL
RBC		4.06	3.90 - 5.60	10*6
HEMOGLOBIN		12.8	11.4 - 17.0	GM/DL
HEMATOCRIT		38	38 - 50	%
MCV		94	80 - 98	
MCH		32	27 - 34	
MCHC		34	33 - 37	%
RDW		15.3	8.0 - 18.5	
PLATELET COUNT		208	140 - 450	10*3
NEUTROPHILS, ABSOLUTE	L	1.41	2.00 - 7.30	K/uL
LYMPHOCYTES, ABSOLUTE		1.28	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE		0.64	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.10	0.0 - 0.5	K/ul
BASOPHILS, ABSOLUTE		0.08	0.0 - 0.2	K/uL
CREATININE(SERUM)				
CREATININE		0.84	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
If you are not African American, no significant chronic kidney disease found.				

O1LBP003

Component	Result Values	Reference Ranges	Units

Estimated glomerular filtration rate (eGFR) is a test to measure how well the kidneys are working. A low eGFR means that you have reduced kidney function. This is influenced by age, medicines and certain health conditions, like high blood pressure or diabetes. Older adults usually have some decrease in kidney function over time. It is usually mild and doesn't impact daily life. It's important to know if you have a low eGFR because extra steps are needed to protect your kidneys for certain tests and medicines. Talk with your doctor if you have any questions.

Other tests collected:
FREE LIGHT CHAIN ASSAY, and SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

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16 JAN 2010



Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 09438834

Here are the results of the lab tests ERIC Y CHEN MD ordered for you on JANUARY 12 2010 at Northgate Medical Center Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.2	4.0 - 10.8	K/uL
RBC		4.12	3.90 - 5.60	10*6
HEMOGLOBIN		12.8	11.4 - 17.0	GM/DL
HEMATOCRIT		39	38 - 50	%
MCV		94	80 - 98	
MCH		31	27 - 34	
MCHC		33	33 - 37	%
RDW		15.0	8.0 - 18.5	
PLATELET COUNT		208	140 - 450	10*3
NEUTROPHILS, ABSOLUTE	L	1.19	2.00 - 7.30	K/uL
LYMPHOCYTES, ABSOLUTE		1.24	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE		0.64	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.09	0.0 - 0.5	K/ul
BASOPHILS, ABSOLUTE		0.08	0.0 - 0.2	K/uL
CREATININE(SERUM)				
CREATININE		0.83	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
If you are African American, no significant chronic kidney disease found.				
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
If you are not African American, no significant chronic kidney disease found.				

O1LBP003

Component	Result Values	Reference Ranges	Units
Estimated glomerular filtration rate (eGFR) is a test to measure how well the kidneys are working. A low eGFR means that you have reduced kidney function. This is influenced by age, medicines and certain health conditions, like high blood pressure or diabetes. Older adults usually have some decrease in kidney function over time. It is usually mild and doesn't impact daily life. It's important to know if you have a low eGFR because extra steps are needed to protect your kidneys for certain tests and medicines. Talk with your doctor if you have any questions.			
CALCIUM (SERUM)			
CALCIUM	9.2	8.4 - 10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, and SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
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12 SEP 2009

Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 22334724

Here are the results of the lab tests ERIC Y-P CHEN MD ordered for you on SEPTEMBER 08 2009 at Central Hospital Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT		4.0	4.0 - 10.8	K/uL
RBC		3.95	3.90 - 5.60	10*6
HEMOGLOBIN		12.7	11.4 - 17.0	GM/DL
HEMATOCRIT		38	38 - 50	%
MCV		95	80 - 98	
MCH		32	27 - 34	
MCHC		34	33 - 37	%
RDW		14.6	8.0 - 18.5	
PLATELET COUNT		189	140 - 450	10*3
NEUTROPHILS, ABSOLUTE	L	1.65	2.00 - 7.30	K/uL
LYMPHOCYTES, ABSOLUTE		1.37	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE		0.79	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.10	0.0 - 0.5	K/ul
BASOPHILS, ABSOLUTE		0.06	0.0 - 0.2	K/uL

Component	Result Values	Reference Ranges	Units
CREATININE(SERUM)			
CREATININE	0.87	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN	above 60	60 - 100	ML/MIN
GFR--NON-AFRICAN AMERICAN	above 60	60 - 100	ML/MIN

Estimated glomerular filtration rate (eGFR) is a test to measure how well the kidneys are working. A low eGFR means that you have reduced kidney function. This is influenced by age, medicines and certain health conditions, like high blood pressure or diabetes. Older adults usually have some decrease in kidney function over time. It is usually mild and doesn't impact daily life. It's important to know if you have a low eGFR because extra steps are needed to protect your kidneys for certain tests and medicines. Talk with your doctor if you have any questions.

CALCIUM (SERUM)			
CALCIUM	9.0	8.4 - 10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, and SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
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03 JUN 2009

Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 09399128

Here are the results of the lab tests ERIC Y-P CHEN MD ordered for you on JUNE 01 2009 at Northgate Medical Center Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.6	4.0 - 10.8	K/uL
RBC		4.12	3.90 - 5.60	10*6
HEMOGLOBIN		13.1	11.4 - 17.0	GM/DL
HEMATOCRIT		39	34 - 49	%
MCV		95	80 - 98	
MCH		32	27 - 34	
MCHC		34	33 - 37	%
RDW		15.2	8.0 - 18.5	
PLATELET COUNT		210	140 - 450	10*3
NEUTROPHILS, ABSOLUTE	L	1.93	2.00 - 7.30	K/uL
LYMPHOCYTES, ABSOLUTE	L	0.96	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE		0.61	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.08	0.0 - 0.5	K/ul
BASOPHILS, ABSOLUTE		0.05	0.0 - 0.2	K/uL
CREATININE(SERUM)				
CREATININE		0.89	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

O1LBP003

Component	Result Values	Reference Ranges	Units
CALCIUM (SERUM)			
CALCIUM	9.2	8.4 - 10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, ELECTROPHORESIS-URINE,
SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

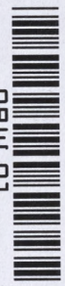
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01 APR 2009



Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 09387460

Here are the results of the lab tests ERIC Y-P CHEN MD ordered for you on MARCH 30 2009 at Northgate Medical Center Laboratory.

Dr. CHEN has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. CHEN may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT		4.5	4.0 - 10.8	K/uL
RBC		4.00	3.90 - 5.60	10*6
HEMOGLOBIN		12.8	11.4 - 17.0	GM/DL
HEMATOCRIT		38	34 - 49	%
MCV		94	80 - 98	
MCH		32	27 - 34	
MCHC		34	33 - 37	%
RDW		15.2	8.0 - 18.5	
PLATELET COUNT		211	140 - 450	10*3
NEUTROPHILS, ABSOLUTE	L	1.82	2.00 - 7.30	K/uL
LYMPHOCYTES, ABSOLUTE		1.69	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE		0.79	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.15	0.0 - 0.5	K/ul
BASOPHILS, ABSOLUTE		0.08	0.0 - 0.2	K/uL
CREATININE(SERUM)				
CREATININE		0.93	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

Component	Result Values	Reference Ranges	Units
CALCIUM (SERUM)			
CALCIUM	8.8	8.4 - 10.2	MG/DL

Other tests collected:
FREE LIGHT CHAIN ASSAY, ELECTROPHORESIS-URINE,
SERUM PROTEIN ELECTROPHORESIS

Dr. CHEN will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

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013854

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P.O. Box 34944
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29 JAN 2009



Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 09375825

Here are the results of the lab tests STEVEN S GINSBERG MD ordered for you on JANUARY 23 2009 at Northgate Medical Center Laboratory.

Dr. GINSBERG has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. GINSBERG may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT		5.3	4.0 - 10.8	K/uL
RBC		4.15	3.90 - 5.60	10*6
HEMOGLOBIN		12.9	11.4 - 17.0	GM/DL
HEMATOCRIT		40	34 - 49	%
MCV		95	80 - 98	
MCH		31	27 - 34	
MCHC		33	33 - 37	%
RDW		15.2	8.0 - 18.5	
PLATELET COUNT		221	140 - 450	10*3
NEUTROPHILS, ABSOLUTE	L	1.84	2.00 - 7.30	K/uL
LYMPHOCYTES, ABSOLUTE		2.05	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE	H	1.03	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.25	0.0 - 0.5	K/ul
BASOPHILS, ABSOLUTE		0.08	0.0 - 0.2	K/uL
CREATININE(SERUM)				
CREATININE		0.93	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

Component	Result Values	Reference Ranges	Units
CALCIUM (SERUM)			
CALCIUM	8.8	8.4 - 10.2	MG/DL
BLOOD UREA NITROGEN			
BUN	15	6 - 24	MG/DL

Other tests collected:
ELECTROPHORESIS-URINE, and SERUM PROTEIN ELECTROPHORESIS

Dr. GINSBERG will contact you if these test results indicate a change in your treatment plan.

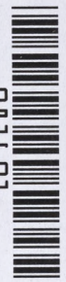
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29 NOV 2008



Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 09365825

Here are the results of the lab tests STEVEN S GINSBERG MD ordered for you on NOVEMBER 21 2008 at Northgate Medical Center Laboratory.

Dr. GINSBERG has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. GINSBERG may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.9	4.0 - 10.8	K/uL
RBC		4.14	3.90 - 5.60	10*6
HEMOGLOBIN		12.8	11.4 - 17.0	GM/DL
HEMATOCRIT		39	34 - 49	%
MCV		95	80 - 98	
MCH		31	27 - 34	
MCHC		33	33 - 37	%
RDW		15.1	8.0 - 18.5	
PLATELET COUNT		CLUMPED	140 - 450	10*3
!CORRECTION: PLTCT incorrectly reported as "232" on 11-21-08 15:22.				
COMMENT		See Separate Manual Diff for Res		
A Manual Diff was added.				

Component		Result Values	Reference Ranges	Units
DIFFERENTIAL				
NEUTROPHILS, ABSOLUTE		2.57	2.00 - 7.30	K/uL
LYMPHS, ABSOLUTE	L	0.66	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE		0.51	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.04	0.00 - 0.50	K/uL
BASOPHILS, ABSOLUTE		0.12	0.0 - 0.2	K/uL
METAMYELOCYTES, ABSOLUTE		0	0.0 - 0.0	K/uL
MYELOCYTES, ABSOLUTE		0	0.0 - 0.0	K/uL
PROMYELOCYTES, ABSOLUTE		0	0.0 - 0.0	K/uL
BLASTS, ABSOLUTE		0	0.0 - 0.0	K/uL
PLATELET ESTIMATE	A	clumped, but adequate		
Giant platelets				
ADDITIONAL FINDINGS	A	SEE COMMENT:		
Normal RBC Morphology				
Few Atypical Lymphocytes				
CREATININE(SERUM)				
CREATININE		0.91	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
CALCIUM (SERUM)				
CALCIUM		8.9	8.4 - 10.2	MG/DL
BLOOD UREA NITROGEN				
BUN		12	6 - 24	MG/DL

Other tests collected:
ELECTROPHORESIS-URINE, and SERUM PROTEIN ELECTROPHORESIS

Dr. GINSBERG will contact you if these test results indicate a change in your treatment plan.

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16 OCT 2008



Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 09358277

Here are the results of the lab tests STEVEN S GINSBERG MD ordered for you on OCTOBER 13 2008 at Northgate Medical Center Laboratory.

Dr. GINSBERG has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. GINSBERG may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT		5.3	4.0 - 10.8	K/uL
RBC		3.94	3.90 - 5.60	10*6
HEMOGLOBIN		12.0	11.4 - 17.0	GM/DL
HEMATOCRIT		37	34 - 49	%
MCV		93	80 - 98	
MCH		31	27 - 34	
MCHC		33	33 - 37	%
RDW		15.6	8.0 - 18.5	
PLATELET COUNT		226	140 - 450	10*3
NEUTROPHILS, ABSOLUTE		2.39	2.00 - 7.30	K/uL
LYMPHOCYTES, ABSOLUTE		1.68	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE	H	1.11	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.10	0.0 - 0.5	K/ul
BASOPHILS, ABSOLUTE		0.04	0.0 - 0.2	K/uL
CREATININE(SERUM)				
CREATININE		0.87	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

O1LBP003

Component	Result Values	Reference Ranges	Units
CALCIUM (SERUM)			
CALCIUM	9.2	8.4 - 10.2	MG/DL
BLOOD UREA NITROGEN			
BUN	16	6 - 24	MG/DL

Other tests collected:
ELECTROPHORESIS-URINE, and SERUM PROTEIN ELECTROPHORESIS

Dr. GINSBERG will contact you if these test results indicate a change in your treatment plan.

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30 AUG 2008

Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 09350515

Here are the results of the lab tests STEVEN S GINSBERG MD ordered for you on AUGUST 28 2008 at Northgate Medical Center Laboratory.

Dr. GINSBERG has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. GINSBERG may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT		6.4	4.0 - 10.8	K/uL
RBC	L	3.64	3.90 - 5.60	10*6
HEMOGLOBIN	L	11.3	11.4 - 17.0	GM/DL
HEMATOCRIT		35	34 - 49	%
MCV		95	80 - 98	
MCH		31	27 - 34	
MCHC		33	33 - 37	%
RDW		14.2	8.0 - 18.5	
PLATELET COUNT		255	140 - 450	10*3
COMMENT		See Separate Manual Diff for Res		
A Manual Diff was added.				

O1LBP003

Component		Result Values	Reference Ranges	Units
DIFFERENTIAL				
NEUTROPHILS, ABSOLUTE		3.84	2.00 - 7.30	K/uL
LYMPHS, ABSOLUTE		1.54	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE		0.77	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.13	0.00 - 0.50	K/uL
BASOPHILS, ABSOLUTE		0.13	0.0 - 0.2	K/uL
METAMYELOCYTES, ABSOLUTE		0	0.0 - 0.0	K/uL
MYELOCYTES, ABSOLUTE		0	0.0 - 0.0	K/uL
PROMYELOCYTES, ABSOLUTE		0	0.0 - 0.0	K/uL
BLASTS, ABSOLUTE		0	0.0 - 0.0	K/uL
PLATELET ESTIMATE		Adequate		
ADDITIONAL FINDINGS	A	SEE COMMENT:		
Slight Polychromasia				
Slight Fragments				
Slight Elliptocytes				
CREATININE(SERUM)				
CREATININE		0.98	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

.....

Values greater than 60 mL/min have less clinical significance than lower values.

.....

Chronic Kidney Disease: Repeated value less than 60 mL/min
Kidney Failure: Less than 15 mL/min

CALCIUM (SERUM)				
CALCIUM		9.0	8.4 - 10.2	MG/DL
BLOOD UREA NITROGEN				
BUN		17	6 - 24	MG/DL

Other tests collected:
ELECTROPHORESIS-URINE, and SERUM PROTEIN ELECTROPHORESIS

Dr. GINSBERG will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
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23 MAY 2008

Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 09333086

Here are the results of the lab tests STEVEN S GINSBERG MD ordered for you on MAY 19 2008 at Northgate Medical Center Laboratory.

Dr. GINSBERG has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. GINSBERG may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component	Result Values	Reference Ranges	Units
BLOOD COUNT			
LEUKOCYTE COUNT	4.0	4.0 - 10.8	K/uL
RBC	3.92	3.90 - 5.60	10*6
HEMOGLOBIN	12.1	11.4 - 17.0	GM/DL
HEMATOCRIT	37	34 - 49	%
MCV	94	80 - 98	
MCH	31	27 - 34	
MCHC	33	33 - 37	%
RDW	14.0	8.0 - 18.5	
PLATELET COUNT	205	140 - 450	10*3
NEUTROPHILS, ABSOLUTE	2.09	2.00 - 7.30	K/uL
LYMPHOCYTES, ABSOLUTE	1.26	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE	0.58	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE	0.05	0.0 - 0.5	K/ul
BASOPHILS, ABSOLUTE	0.03	0.0 - 0.2	K/uL

Component	Result Values	Reference Ranges	Units
CREATININE(SERUM)			
CREATININE	0.81	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN	above 60	60 - 100	ML/MIN
GFR--NON-AFRICAN AMERICAN	above 60	60 - 100	ML/MIN

.....
Values greater than 60 mL/min have less clinical
significance than lower values.
.....
Chronic Kidney Disease: Repeated value less than 60 mL/min
Kidney Failure: Less than 15 mL/min

CALCIUM (SERUM)			
CALCIUM	8.9	8.4 - 10.2	MG/DL
BLOOD UREA NITROGEN			
BUN	20	6 - 24	MG/DL

Other tests collected:
ELECTROPHORESIS-URINE, and SERUM PROTEIN ELECTROPHORESIS

Dr. GINSBERG will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
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Dr. Ginsberg, 29 May '08:

He was "concerned" especially about the rise in the urine protein reading. He wants to suppress this, and the monoclonal protein reading,which also has risen, although both are still far below the levels that alarmed him enough to launch me into the stem cell infusion--by being aggressive about it, which will mean:

--50 mg. Prednisone every other day

--100 mg. Thalidomide daily (next day: he changed it to 50 mg.)

--Pomidranate infusions monthly for 12-24 months. (Calcium & vit. D with it.) We set up the first three--June l6; July 16, and Aug. 15--and **must schedule Sept. a month from now, including appointment with Ginsberg; urine and blood test 10 days prior.**

He's to see me every three months instead of four after this pill regimen.

June 16, 1st Pomidranate infusion, I'm to pick up the Prednisone and Thalidomide; I must e-mail him about setting up the Thalidomide protocol, which I did last time with Lynn.

He stressed that I responded well to the '07 Thal-Dex regimen. in taking both protein readings down quickly (we think he said within 6 weeks), and that he has patients who are in remission for 7-8 years on Thal-Pred and still are.

In going through possible treatments, he said another stem cell transplant would probably give me the same year or a little less than the first one did. A mini-alleogenic transplant is out of the picture because I don't have any sibling.

He said "there are a lot of other options" and there are "new things" all the time in further treatment.

bld pressure 100/64 wt: 154#

After Visit Summary

This document contains confidential information about your health and care. It is provided directly to you for your personal, private use only.

Visit Information

Appointment Information

Date	Time	Department	Provider
05/29/2008	9:00 AM	CSC ONCOLOGY	Steven Ginsberg, MD

If you have questions or need further information, call this department at 206-326-3000 or send a secure message to your provider.

Vitals

Blood Pressure	Weight
100/64	153 lb 12.8 oz (69.76 kg)

Reason for Visit

Follow-up Care

Diagnoses

MYELOMA [203.00S]

Patient Information and Follow-up

Patient Instructions

pamidronate infusion once a month
blood and urine testing 1 week before next visit with Steven Ginsberg, MD
calcium and vitamin D supplementation
begin thalidomide 50 mg every day
begin prednisone 50 mg every other day

Follow-up

Disposition
Return in about 4 months (around 9/15/2008) for follow-up/pamidronate.

Medications Ordered This Visit

Pick Up at Pharmacy

CALCIUM CARB-VIT D 600 MG-200 UNIT ORAL TAB
THALIDOMIDE (THALOMID) 50 MG ORAL CAP
PREDNISONE 50 MG ORAL TAB

Upcoming Lab Tests

This section lists all lab tests you need to do after today. This may include tests ordered at previous visits. Go to any Group Health medical center for these lab tests. For orders with an "available" date, go on that date or as soon as possible after that date.

Recurring Orders

Order	Provider	Ordered	Interval	Ends
CBC/PLT/DIFF (GHC) [85025.003]	GINSBERG, STEVEN S	6/19/2007	Every 12 Weeks	6/19/2008
BUN [84520.001]	GINSBERG, STEVEN S	6/19/2007	Every 12 Weeks	6/19/2008
CREATININE [82565.002]	GINSBERG, STEVEN S	6/19/2007	Every 12 Weeks	6/19/2008
CALCIUM [82310.001]	GINSBERG, STEVEN S	6/19/2007	Every 12 Weeks	6/19/2008
ELECTROPHORESIS SERUM PROTEIN (GHC) [84165.003]	GINSBERG, STEVEN S	6/19/2007	Every 12 Weeks	6/19/2008
ELECTROPHORESIS-URINE PROTEIN (GHC) [84165.004]	GINSBERG, STEVEN S	6/19/2007	Every 12 Weeks	6/19/2008

Updated Medication List

This section lists the medications you have reported you are currently taking, in addition to new medications and supplies ordered and changes made at this visit. If you have any questions about your medications, please contact your pharmacist.

TRAZODONE 50 MG ORAL TAB
Instructions: TAKE 1/2 TO 1 TABLET AT BEDTIME AS NEEDED FOR SLEEP

CALCIUM CARB-VIT D 600 MG-200 UNIT ORAL TAB
Instructions: 1 pill twice a day

THALIDOMIDE (THALOMID) 50 MG ORAL CAP
Instructions: 1 pill daily

PREDNISONE 50 MG ORAL TAB
Instructions: 1 pill every other day

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Laboratory Services
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Seattle, WA 98124-1944

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06 APR 2007



Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 22043848

Here are the results of the lab tests STEVEN S GINSBERG MD ordered for you on APRIL 05 2007 at Central Hospital Laboratory.

Dr. GINSBERG has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. GINSBERG may have different ranges for you.

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Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT		5800	4000 - 10800	/CU MM
RBC	L	3.61	3.90 - 5.60	10*6
HEMOGLOBIN	L	11.1	11.4 - 17.0	GM/DL
HEMATOCRIT		35	34 - 49	%
MCV		96	80 - 98	
MCH		31	27 - 34	
MCHC	L	32	33 - 37	%
RDW	H	15.3	8.0 - 14.8	
PLATELET COUNT		244	140 - 450	10*3
POLYS	H	97	45 - 70	%
LYMPHOCYTES	L	2	20 - 40	%
MONOCYTES		1	0 - 11	%
PLATELET ESTIMATE		Adequate		
ADDITIONAL FINDINGS	A	SEE COMMENT:		
Slight Anisocytosis				
MAGNESIUM(SERUM)				
MAGNESIUM		1.7	1.3 - 2.1	MEQ/L
COMPREHENSIVE METABOLIC PANEL				
SODIUM		138	135 - 145	MEQ/L

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06 APR 2007



Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 22043848

Here are the results of the lab tests STEVEN S GINSBERG MD ordered for you on APRIL 05 2007 at Central Hospital Laboratory.

Dr. GINSBERG has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. GINSBERG may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT		5800	4000 - 10800	/CU MM
RBC	L	3.61	3.90 - 5.60	10*6
HEMOGLOBIN	L	11.1	11.4 - 17.0	GM/DL
HEMATOCRIT		35	34 - 49	%
MCV		96	80 - 98	
MCH		31	27 - 34	
MCHC	L	32	33 - 37	%
RDW	H	15.3	8.0 - 14.8	
PLATELET COUNT		244	140 - 450	10*3
POLYS	H	97	45 - 70	%
LYMPHOCYTES	L	2	20 - 40	%
MONOCYTES		1	0 - 11	%
PLATELET ESTIMATE		Adequate		
ADDITIONAL FINDINGS	A	SEE COMMENT:		
Slight Anisocytosis				
MAGNESIUM(SERUM)				
MAGNESIUM		1.7	1.3 - 2.1	MEQ/L
COMPREHENSIVE METABOLIC PANEL				
SODIUM		138	135 - 145	MEQ/L

Component		Result Values	Reference Ranges	Units
POTASSIUM		4.4	3.5 - 5.2	MEQ/L
CHLORIDE		104	97 - 108	MEQ/L
CARBON DIOXIDE		27	22 - 32	MEQ/L
GLUCOSE		76	65 - 140	MG/DL
GLUCOSE REFERENCE RANGES:				
Fasting glucose		65 - 99 mg/dL		
Random glucose		70 - 126 mg/dL		
2 hour post prandial		70 - 140 mg/dL		
BLOOD UREA NITROGEN		22	6 - 24	MG/DL
CREATININE		0.85	0.50 - 1.40	MG/DL
CALCIUM	L	7.5	8.4 - 10.2	MG/DL
TOTAL PROTEIN	L	5.4	5.8 - 8.0	G/DL
ALBUMIN	L	2.2	3.7 - 5.1	G/DL
BILIRUBIN,TOTAL		0.9	0.2 - 1.1	MG/DL
AST (LIVER ENZYME)		21	6 - 35	U/L
ALK PHOS		66	30 - 125	U/L
ALT (LIVER ENZYME)		19	8 - 40	U/L
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

.....
Values greater than 60 mL/min have less clinical
significance than lower values.
.....
Chronic Kidney Disease: Repeated value less than 60 mL/min
Kidney Failure: Less than 15 mL/min

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07 APR 2007



Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 22044281

Here are the results of the lab tests STEVEN S GINSBERG MD ordered for you on APRIL 06 2007 at Central Hospital Laboratory.

Dr. GINSBERG has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. GINSBERG may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT		5500	4000 - 10800	/CU MM
RBC	L	3.39	3.90 - 5.60	10*6
HEMOGLOBIN	L	10.4	11.4 - 17.0	GM/DL
HEMATOCRIT	L	32	34 - 49	%
MCV		95	80 - 98	
MCH		31	27 - 34	
MCHC	L	32	33 - 37	%
RDW	H	15.0	8.0 - 14.8	
PLATELET COUNT		183	140 - 450	10*3
POLYS	H	97	45 - 70	%
LYMPHOCYTES	L	2	20 - 40	%
MONOCYTES		1	0 - 11	%
MAGNESIUM(SERUM)				
MAGNESIUM		1.6	1.3 - 2.1	MEQ/L
COMPREHENSIVE METABOLIC PANEL				
SODIUM		139	135 - 145	MEQ/L
POTASSIUM		4.0	3.5 - 5.2	MEQ/L
CHLORIDE		105	97 - 108	MEQ/L
CARBON DIOXIDE		27	22 - 32	MEQ/L

Component		Result Values	Reference Ranges	Units
GLUCOSE		91	65 - 140	MG/DL
GLUCOSE REFERENCE RANGES:				
Fasting glucose		65 - 99 mg/dL		
Random glucose		70 - 126 mg/dL		
2 hour post prandial		70 - 140 mg/dL		
BLOOD UREA NITROGEN		20	6 - 24	MG/DL
CREATININE		0.84	0.50 - 1.40	MG/DL
CALCIUM	L	7.5	8.4 - 10.2	MG/DL
TOTAL PROTEIN	L	5.2	5.8 - 8.0	G/DL
ALBUMIN	L	2.1	3.7 - 5.1	G/DL
BILIRUBIN,TOTAL		0.6	0.2 - 1.1	MG/DL
AST (LIVER ENZYME)		33	6 - 35	U/L
ALK PHOS		64	30 - 125	U/L
ALT (LIVER ENZYME)		18	8 - 40	U/L
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

.....
Values greater than 60 mL/min have less clinical
significance than lower values.
.....
Chronic Kidney Disease: Repeated value less than 60 mL/min
Kidney Failure: Less than 15 mL/min

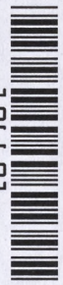
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10 APR 2007



Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 22044813

Here are the results of the lab tests STEVEN S GINSBERG MD ordered for you on APRIL 09 2007 at Central Hospital Laboratory.

Dr. GINSBERG has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. GINSBERG may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	LL	500	4000 - 10800	/CU MM
RESULTS VERIFIED BY REPEAT ANALYSIS.				
RBC	L	3.55	3.90 - 5.60	10*6
HEMOGLOBIN	L	10.7	11.4 - 17.0	GM/DL
HEMATOCRIT	L	33	34 - 49	%
MCV		93	80 - 98	
MCH		30	27 - 34	
MCHC		33	33 - 37	%
RDW		14.6	8.0 - 14.8	
PLATELET COUNT	L	112	140 - 450	10*3
POLYS	H	80	45 - 70	%
LYMPHOCYTES	L	12	20 - 40	%
MONOCYTES		8	0 - 11	%
PLATELET ESTIMATE	A	Decreased		
ADDITIONAL FINDINGS		RBC Morphology Normal		
25 cell diff				
MAGNESIUM(SERUM)				
MAGNESIUM		1.5	1.3 - 2.1	MEQ/L
COMPREHENSIVE METABOLIC PANEL				

Component		Result Values	Reference Ranges	Units
SODIUM		136	135 - 145	MEQ/L
POTASSIUM		4.2	3.5 - 5.2	MEQ/L
CHLORIDE		102	97 - 108	MEQ/L
CARBON DIOXIDE		26	22 - 32	MEQ/L
GLUCOSE		109	65 - 140	MG/DL
GLUCOSE REFERENCE RANGES:				
Fasting glucose		65 - 99 mg/dL		
Random glucose		70 - 126 mg/dL		
2 hour post prandial		70 - 140 mg/dL		
BLOOD UREA NITROGEN		14	6 - 24	MG/DL
CREATININE		0.78	0.50 - 1.40	MG/DL
CALCIUM	L	7.9	8.4 - 10.2	MG/DL
TOTAL PROTEIN	L	5.4	5.8 - 8.0	G/DL
ALBUMIN	L	2.3	3.7 - 5.1	G/DL
BILIRUBIN,TOTAL		0.5	0.2 - 1.1	MG/DL
AST (LIVER ENZYME)		21	6 - 35	U/L
ALK PHOS		67	30 - 125	U/L
ALT (LIVER ENZYME)		19	8 - 40	U/L
TO COME LATER AFTER CALIBRATION				
!CORRECTION: ALT incorrectly reported as "See Comment-" on 04-09-07 08:36.				
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

.....
Values greater than 60 mL/min have less clinical
significance than lower values.
.....
Chronic Kidney Disease: Repeated value less than 60 mL/min
Kidney Failure: Less than 15 mL/min

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11 APR 2007

Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 22045203

Here are the results of the lab tests STEVEN S GINSBERG MD ordered for you on APRIL 10 2007 at Central Hospital Laboratory.

Dr. GINSBERG has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. GINSBERG may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	LL	100	4000 - 10800	/CU MM
RESULTS VERIFIED BY REPEAT ANALYSIS.				
RBC	L	3.61	3.90 - 5.60	10*6
HEMOGLOBIN	L	10.9	11.4 - 17.0	GM/DL
HEMATOCRIT		34	34 - 49	%
MCV		93	80 - 98	
MCH		30	27 - 34	
MCHC		33	33 - 37	%
RDW		14.6	8.0 - 14.8	
PLATELET COUNT	L	84	140 - 450	10*3
RESULTS VERIFIED BY REPEAT ANALYSIS.				
POLYS	L	24	45 - 70	%
LYMPHOCYTES	H	56	20 - 40	%
MONOCYTES		8	0 - 11	%
EOSINOPHILS		4	0 - 7	%
BASOPHILS	H	8	0 - 2	%
PLATELET ESTIMATE	A	Decreased		
ADDITIONAL FINDINGS		RBC Morphology Normal		
25 cell diff				

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Component		Result Values	Reference Ranges	Units
MAGNESIUM(SERUM)				
MAGNESIUM		1.6	1.3 - 2.1	MEQ/L
COMPREHENSIVE METABOLIC PANEL				
SODIUM		136	135 - 145	MEQ/L
POTASSIUM		4.3	3.5 - 5.2	MEQ/L
CHLORIDE		103	97 - 108	MEQ/L
CARBON DIOXIDE		26	22 - 32	MEQ/L
GLUCOSE		117	65 - 140	MG/DL
GLUCOSE REFERENCE RANGES:				
Fasting glucose		65 - 99 mg/dL		
Random glucose		70 - 126 mg/dL		
2 hour post prandial		70 - 140 mg/dL		
BLOOD UREA NITROGEN		13	6 - 24	MG/DL
CREATININE		0.83	0.50 - 1.40	MG/DL
CALCIUM	L	7.9	8.4 - 10.2	MG/DL
TOTAL PROTEIN	L	5.5	5.8 - 8.0	G/DL
ALBUMIN	L	2.4	3.7 - 5.1	G/DL
BILIRUBIN,TOTAL		0.4	0.2 - 1.1	MG/DL
AST (LIVER ENZYME)		21	6 - 35	U/L
ALK PHOS		70	30 - 125	U/L
ALT (LIVER ENZYME)		20	8 - 40	U/L
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

.....
Values greater than 60 mL/min have less clinical
significance than lower values.
.....
Chronic Kidney Disease: Repeated value less than 60 mL/min
Kidney Failure: Less than 15 mL/min

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Results

CBC/PLT/DIFF (GHC) (Order# 86766842)

Collection Information

Collection Date	Collection Time	Resulting Agency
4/12/2007	9:07 AM	GHC CENTRAL HOSPITAL LAB

Component Results

Component	Value	Flag	Low	High	Units	Status
LEUKOCYTE COUNT	**LESS THAN 100**	**LL**	**4000**	**10800**	**/CU MM**	**Fin**
RBC	**3.38**	**L**	**3.90**	**5.60**	**10*6**	**Fin**
HEMOGLOBIN	**10.3**	**L**	**11.4**	**17.0**	**GM/DL**	**Fin**
HEMATOCRIT	**31**	**L**	**34**	**49**	**%**	**Fin**
MCV	91		80	98		Fin
MCH	31		27	34		Fin
MCHC	34		33	37	%	Fin
RDW	14.2		8.0	14.8		Fin
PLATELET COUNT	**26**	**LL**	**140**	**450**	**10*3**	**Fin**
POLYS					%	Fin
BANDS					%	Fin
LYMPHOCYTES					%	Fin
MONOCYTES					%	Fin
EOSINOPHILS					%	Fin
BASOPHILS					%	Fin
METAMYELOCYTES					%	Fin
MYELOCYTES					%	Fin
PROMYELOCYTES					%	Fin
BLASTS					%	Fin
NRBC/100WBC					/100 wbc	Fin
PLATELET ESTIMATE						Fin
ADDITIONAL FINDINGS - DIFFERENTIAL						Fin

Comment:
WBC less than 100/uL

Result Narrative

ORDER COMMENTS:
OIC

Lab Information CBC/PLT/DIFF (GHC) (Order #86766842) on 4/12/07 - Lab Information Information

Result History CBC/PLT/DIFF (GHC) (Order#86766842) on 4/12/07 - Order Result History Report

Encounter View Encounter

MyChart Status: This result is currently released to MyChart.

Associated Diagnosis

Diagnosis	Order Quantity
MULTIPLE MYELOMA WITHOUT MENTION	1

OF REMISSION [203.00]

Result Information

Status		Provider Status
Abnormal	Final result (4/12/2007 9:38 AM)	Reviewed

Reviewed by List

Reviewed By
FLAHERTY, LYNN on Thu Apr 12, 2007 9:51 AM
GINSBERG, STEVEN on Thu Apr 12, 2007 10:33 AM

Order

CBC/PLT/DIFF (GHC) [85025.003] (Order# 86766842)

Order Information

Order Date	Ordering User	Department
4/12/2007	Beatriz Turla	CSC ONCOLOGY

Order Providers

Authorizing Provider
Steven S Ginsberg

Result Narrative

ORDER COMMENTS:
OIC

Associated Diagnosis

Diagnosis	Order Quantity
MULTIPLE MYELOMA WITHOUT MENTION OF REMISSION [203.00]	1

Order Summary

Orders
CBC/PLT/DIFF (GHC) [85025.003]

Comments

OIC

Detailed Information

Priority and Order Details Collection Information

Collection Information

Collection Date	Collection Time	Resulting Agency
4/12/2007	9:07 AM	GHC CENTRAL HOSPITAL LAB

Encounter

View Encounter

Results

CBC/PLT/DIFF (GHC) (Order# 86803797)

Collection Information

Collection Date	Collection Time	Resulting Agency
4/13/2007	8:27 AM	GHC CENTRAL HOSPITAL LAB

Component Results

Component	Value	Flag	Low	High	Units	Status
LEUKOCYTE COUNT	200	LL	4000	10800	/CU MM	Fin
RBC	3.43	L	3.90	5.60	10*6	Fin
HEMOGLOBIN	10.4	L	11.4	17.0	GM/DL	Fin
HEMATOCRIT	31	L	34	49	%	Fin
MCV	92		80	98		Fin
MCH	30		27	34		Fin
MCHC	33		33	37	%	Fin
RDW	14.1		8.0	14.8		Fin
PLATELET COUNT	12	LL	140	450	10*3	Fin
POLYS			45	70	%	Fin
BANDS			0	5	%	Fin
LYMPHOCYTES	92	H	20	40	%	Fin
MONOCYTES	8		0	11	%	Fin
EOSINOPHILS			0	7	%	Fin
BASOPHILS			0	2	%	Fin
METAMYELOCYTES			0	1	%	Fin
MYELOCYTES			0	0	%	Fin
PROMYELOCYTES			0	0	%	Fin
BLASTS			0	0	%	Fin
NRBC/100WBC			0	0	/100 wbc	Fin
PLATELET ESTIMATE	Decreased	A				Fin
ADDITIONAL FINDINGS - DIFFERENTIAL						Fin
	RBC Morphology Normal					

Comment:
Few Atypical Lymphocytes

Result Narrative

50 cell diff

Lab Information CBC/PLT/DIFF (GHC) (Order #86803797) on 4/13/07 - Lab Information Information

Result History CBC/PLT/DIFF (GHC) (Order#86803797) on 4/13/07 - Order Result History Report

Encounter View Encounter

MyChart Status: This result is currently not released to MyChart.

Associated Diagnosis

Diagnosis	Order Quantity

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14 APR 2007

Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 22046450

Here are the results of the lab tests STEVEN S GINSBERG MD ordered for you on APRIL 13 2007 at Central Hospital Laboratory.

Dr. GINSBERG has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. GINSBERG may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	LL	200	4000 - 10800	/CU MM
RBC	L	3.43	3.90 - 5.60	10*6
HEMOGLOBIN	L	10.4	11.4 - 17.0	GM/DL
HEMATOCRIT	L	31	34 - 49	%
MCV		92	80 - 98	
MCH		30	27 - 34	
MCHC		33	33 - 37	%
RDW		14.1	8.0 - 14.8	
PLATELET COUNT	LL	12	140 - 450	10*3
LYMPHOCYTES	H	92	20 - 40	%
MONOCYTES		8	0 - 11	%
PLATELET ESTIMATE	A	Decreased		
ADDITIONAL FINDINGS		RBC Morphology Normal		
Few Atypical Lymphocytes				
50 cell diff				
MAGNESIUM(SERUM)				
MAGNESIUM		1.7	1.3 - 2.1	MEQ/L
COMPREHENSIVE METABOLIC PANEL				
SODIUM		137	135 - 145	MEQ/L

Component		Result Values	Reference Ranges	Units
POTASSIUM		4.1	3.5 - 5.2	MEQ/L
CHLORIDE		103	97 - 108	MEQ/L
CARBON DIOXIDE		26	22 - 32	MEQ/L
GLUCOSE		105	65 - 140	MG/DL
GLUCOSE REFERENCE RANGES:				
Fasting glucose		65 - 99 mg/dL		
Random glucose		70 - 126 mg/dL		
2 hour post prandial		70 - 140 mg/dL		
BLOOD UREA NITROGEN		11	6 - 24	MG/DL
CREATININE		0.86	0.50 - 1.40	MG/DL
CALCIUM	L	8.1	8.4 - 10.2	MG/DL
TOTAL PROTEIN	L	5.6	5.8 - 8.0	G/DL
ALBUMIN	L	2.3	3.7 - 5.1	G/DL
BILIRUBIN,TOTAL		0.2	0.2 - 1.1	MG/DL
AST (LIVER ENZYME)		24	6 - 35	U/L
ALK PHOS		68	30 - 125	U/L
ALT (LIVER ENZYME)		29	8 - 40	U/L
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

.....
Values greater than 60 mL/min have less clinical
significance than lower values.
.....
Chronic Kidney Disease: Repeated value less than 60 mL/min
Kidney Failure: Less than 15 mL/min

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

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17 APR 2007

095101

Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 22047079

Here are the results of the lab tests STEVEN S GINSBERG MD ordered for you on APRIL 16 2007 at Central Hospital Laboratory.

Dr. GINSBERG has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. GINSBERG may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	LL	800	4000 - 10800	/CU MM
RESULTS VERIFIED BY REPEAT ANALYSIS.				
RBC	L	3.33	3.90 - 5.60	10*6
HEMOGLOBIN	L	10.4	11.4 - 17.0	GM/DL
HEMATOCRIT	L	30	34 - 49	%
MCV		91	80 - 98	
MCH		31	27 - 34	
MCHC		34	33 - 37	%
RDW		14.3	8.0 - 14.8	
PLATELET COUNT	LL	48	140 - 450	10*3
POLYS	L	6	45 - 70	%
LYMPHOCYTES	H	74	20 - 40	%
MONOCYTES	H	20	0 - 11	%
PLATELET ESTIMATE	A	Decreased		
ADDITIONAL FINDINGS		RBC Morphology Normal		
MANUAL DIFF				
50 cell diff				
MAGNESIUM(SERUM)				
MAGNESIUM		1.5	1.3 - 2.1	MEQ/L

Component		Result Values	Reference Ranges	Units
COMPREHENSIVE METABOLIC PANEL				
SODIUM		136	135 - 145	MEQ/L
POTASSIUM		4.1	3.5 - 5.2	MEQ/L
CHLORIDE		101	97 - 108	MEQ/L
CARBON DIOXIDE		26	22 - 32	MEQ/L
GLUCOSE		112	65 - 140	MG/DL
GLUCOSE REFERENCE RANGES:				
Fasting glucose		65 - 99 mg/dL		
Random glucose		70 - 126 mg/dL		
2 hour post prandial		70 - 140 mg/dL		
BLOOD UREA NITROGEN		12	6 - 24	MG/DL
CREATININE		1.01	0.50 - 1.40	MG/DL
CALCIUM	L	8.0	8.4 - 10.2	MG/DL
TOTAL PROTEIN	L	5.6	5.8 - 8.0	G/DL
ALBUMIN	L	2.3	3.7 - 5.1	G/DL
BILIRUBIN,TOTAL		0.2	0.2 - 1.1	MG/DL
AST (LIVER ENZYME)		22	6 - 35	U/L
ALK PHOS		92	30 - 125	U/L
ALT (LIVER ENZYME)		27	8 - 40	U/L
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

.....
Values greater than 60 mL/min have less clinical
significance than lower values.
.....
Chronic Kidney Disease: Repeated value less than 60 mL/min
Kidney Failure: Less than 15 mL/min

We're pleased to have this opportunity to serve you.
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30 MAR 2007

Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 09259126

Here are the results of the lab tests STEVEN S GINSBERG MD ordered for you on MARCH 26 2007 at Northgate Medical Center Laboratory.

Dr. GINSBERG has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. GINSBERG may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3100	4000 - 10800	/CU MM
RBC	L	3.84	3.90 - 5.60	10*6
HEMOGLOBIN		11.9	11.4 - 17.0	GM/DL
HEMATOCRIT		36	34 - 49	%
MCV		94	80 - 98	
MCH		31	27 - 34	
MCHC		33	33 - 37	%
RDW	H	16.8	8.0 - 14.8	
PLATELET COUNT	H	461	140 - 450	10*3
POLYS	H	72	45 - 70	%
LYMPHOCYTES	L	14	20 - 40	%
MONOCYTES	H	12	0 - 11	%
EOSINOPHILS		1	0 - 7	%
BASOPHILS		1	0 - 2	%

O1LBP003

Component	Result Values	Reference Ranges	Units
CREATININE(SERUM)			
CREATININE	0.82	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN	above 60	60 - 100	ML/MIN
GFR--NON-AFRICAN AMERICAN	above 60	60 - 100	ML/MIN

.....
Values greater than 60 mL/min have less clinical significance than lower values.
.....
Chronic Kidney Disease: Repeated value less than 60 mL/min
Kidney Failure: Less than 15 mL/min

CALCIUM (SERUM)			
CALCIUM	9.4	8.4 - 10.2	MG/DL
BLOOD UREA NITROGEN			
BLOOD UREA NITROGEN	14	6 - 24	MG/DL

Other tests collected:
SERUM PROTEIN ELECTROPHORESIS, and PROTIME INR

Dr. GINSBERG will contact you if these test results indicate a change in your treatment plan.

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10 MAR 2007



Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 22034177

Here are the results of the lab tests STEVEN S GINSBERG MD ordered for you on MARCH 06 2007 at Central Hospital Laboratory.

Dr. GINSBERG has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. GINSBERG may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component	Result Values	Reference Ranges	Units
VARICELLA IMMUNITY CHECK			
VARICELLA IMMUNE SCREEN	positive- immune		
CMV SEROLOGY			
CMV IgG ANTIBODY	0.09	0 - 0.89	IV

REFERENCE INTERVAL: Cytomegalovirus Antibody, IgG

0.89 IV or less..... Negative-No significant level of detectable CMV IgG antibody.

0.90 - 1.09 IV..... Equivocal-Repeat testing in 10-14 days may be helpful.

1.10 IV or greater..... Positive-IgG antibody to CMV detected which may indicate a current or past CMV infection.

In immunocompromised patients, CMV serology (IgG or IgM antibody titers) may not be reliable and may be misleading in the diagnosis of acute or reactivation CMV disease. The preferred method for diagnosis is culture of virus and/or demonstration of viral antigen in peripheral white cells (buffy coat), bronchoalveolar lavage (BAL) cells, or tissue biopsies.

The best evidence for current infection is a significant

Component	Result Values	Reference Ranges	Units
change on two appropriately timed specimens, where both tests are done in the same laboratory at the same time.			
HEPATITIS C VIRUS ANTIBODY			
HEPATITIS C ANTIBODY	NEGATIVE		
HEPATITIS B CORE ANTIBODY			
HEPATITIS B CORE AB TOTAL	NEG		
TEST INFORMATION: Hepatitis B Core Ab (Total) ARUP intends use of this assay for clinical diagnosis. This assay should not be used for blood donor screening, associated re-entry protocols, or for screening Human Cells, Tissues and Cellular and Tissue-Based Products (HCT/P).			
HEPATITIS A ANTIBODY(IGM)			
HEPATITIS A AB (IGM)	NEGATIVE		
HEPATITIS B SURFACE ANTIGEN			
HepBsAg	NEGATIVE		
HEPATITIS B SURFACE ANTIBODY			
HepBsAb	NEGATIVE		
ABO AND RH ONLY			
ABO GROUP	A		
Rh Type	Positive		
ALT (LIVER ENZYME)			
ALT (LIVER ENZYME)	25	8 - 40	U/L

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26 JAN 2008



Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 09311695

Here are the results of the lab tests STEVEN S GINSBERG MD ordered for you on JANUARY 23 2008 at Northgate Medical Center Laboratory.

Dr. GINSBERG has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. GINSBERG may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
DIFFERENTIAL				
NEUTROPHILS, ABSOLUTE	L	1.68	2.00 - 7.30	K/uL
LYMPHS, ABSOLUTE		1.47	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE		0.28	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0.04	0.00 - 0.50	K/uL
BASOPHILS, ABSOLUTE		0.04	0.0 - 0.2	K/uL
METAMYELOCYTES, ABSOLUTE		0	0.0 - 0.0	K/uL
MYELOCYTES, ABSOLUTE		0	0.0 - 0.0	K/uL
PROMYELOCYTES, ABSOLUTE		0	0.0 - 0.0	K/uL
BLASTS, ABSOLUTE		0	0.0 - 0.0	K/uL
PLATELET ESTIMATE		Adequate		
ADDITIONAL FINDINGS	A	SEE COMMENT:		
Normal RBC Morphology				
Few Atypical Lymphocytes				

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.5	4.0 - 10.8	K/uL
RBC		3.95	3.90 - 5.60	10*6
HEMOGLOBIN		12.5	11.4 - 17.0	GM/DL
HEMATOCRIT		37	34 - 49	%
MCV		94	80 - 98	
MCH		32	27 - 34	
MCHC		34	33 - 37	%
RDW		12.6	8.0 - 14.8	
PLATELET COUNT		188	140 - 450	10*3
CREATININE(SERUM)				
CREATININE		0.84	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

.....
Values greater than 60 mL/min have less clinical
significance than lower values.
.....
Chronic Kidney Disease: Repeated value less than 60 mL/min
Kidney Failure: Less than 15 mL/min

CALCIUM (SERUM)				
CALCIUM		9.1	8.4 - 10.2	MG/DL
BLOOD UREA NITROGEN				
BUN		18	6 - 24	MG/DL

Other test collected:
SERUM PROTEIN ELECTROPHORESIS

Dr. GINSBERG will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

Ivan C Doig (00215848)

Group Health Cooperative

After Visit Summary

This document contains confidential information about your health and care. It is provided directly to you for your personal, private use only.

Visit Information

Appointment Information

Date	Time	Department	Provider
01/31/2008	9:00 AM	CSC ONCOLOGY	Steven Ginsberg, MD

If you have questions or need further information, call this department at 206-326-3000 or send a secure message to your provider.

Vitals

Blood Pressure	Weight
116/67	155 lb 6.4 oz (70.49 kg)

Reason for Visit

Follow-up Care

Patient Information and Follow-up

Patient Instructions

blood and urine testing about 10 days before next visit with Steven Ginsberg, MD

Follow-up

Disposition
Return in about 4 months (around 5/31/2008) for follow-up.

Upcoming Lab Tests

This section lists all lab tests you need to do after today. This may include tests ordered at previous visits. Go to any Group Health medical center for these lab tests. For orders with an "available" date, go on that date or as soon as possible after that date.

Recurring Orders

Order	Provider	Ordered	Interval	Ends
CBC/PLT/DIFF (GHC) [85025.003]	GINSBERG, STEVEN S	6/19/2007	Every 12 Weeks	6/19/2008
BUN [84520.001]	GINSBERG, STEVEN S	6/19/2007	Every 12 Weeks	6/19/2008
CREATININE [82565.002]	GINSBERG, STEVEN S	6/19/2007	Every 12 Weeks	6/19/2008
CALCIUM [82310.001]	GINSBERG, STEVEN S	6/19/2007	Every 12 Weeks	6/19/2008
ELECTROPHORESIS SERUM PROTEIN (GHC) [84165.003]	GINSBERG, STEVEN S	6/19/2007	Every 12 Weeks	6/19/2008
ELECTROPHORESIS-URINE PROTEIN (GHC) [84165.004]	GINSBERG, STEVEN S	6/19/2007	Every 12 Weeks	6/19/2008

Updated Medication List

Either you are taking no medications, or your medications were not reviewed during this visit.

Health Profile

Remember to fill out a Health Profile every year. You'll get a personal report with suggestions on how to improve your health and lower your risk of certain diseases. For access to the Health Profile, log in to MyGroupHealth for Members at www.ghc.org. (You'll need to upgrade your online account to get enhanced services. Then you can also view your online medical record, exchange secure messages with your providers, request appointments, and refill prescriptions online.)

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09 OCT 2007



Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 09292264

Here are the results of the lab tests STEVEN S GINSBERG MD ordered for you on OCTOBER 01 2007 at Northgate Medical Center Laboratory.

Dr. GINSBERG has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. GINSBERG may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
DIFFERENTIAL				
NEUTROPHILS, ABSOLUTE	L	1.7	2.00 - 7.30	K/uL
LYMPHS, ABSOLUTE		1.3	1.00 - 3.40	K/uL
MONOCYTES, ABSOLUTE		0.6	0.00 - 0.80	K/uL
EOSINOPHILS, ABSOLUTE		0	0.0 - 0.5	K/ul
BASOPHILS, ABSOLUTE		0	0.0 - 0.2	K/uL
METAMYELOCYTES, ABSOLUTE		0	0.0 - 0.0	K/uL
MYELOCYTES, ABSOLUTE		0	0.0 - 0.0	K/uL
PROMYELOCYTES, ABSOLUTE		0	0.0 - 0.0	K/uL
BLASTS, ABSOLUTE		0	0.0 - 0.0	K/uL
PLATELET ESTIMATE		Adequate		
ADDITIONAL FINDINGS		RBC Morphology Normal		

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	3.6	4.0 - 10.8	K/uL
RBC		4.10	3.90 - 5.60	10*6
HEMOGLOBIN		12.5	11.4 - 17.0	GM/DL
HEMATOCRIT		39	34 - 49	%
MCV		95	80 - 98	
MCH		31	27 - 34	
MCHC	L	32	33 - 37	%
RDW		13.0	8.0 - 14.8	
PLATELET COUNT		207	140 - 450	10*3
CREATININE(SERUM)				
CREATININE		0.81	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

.....
Values greater than 60 mL/min have less clinical
significance than lower values.
.....
Chronic Kidney Disease: Repeated value less than 60 mL/min
Kidney Failure: Less than 15 mL/min

CALCIUM (SERUM)				
CALCIUM		9.3	8.4 - 10.2	MG/DL
BLOOD UREA NITROGEN				
BUN		16	6 - 24	MG/DL

Other tests collected:
IMMUNOFIXATION ELECTROPHORESIS, and SERUM PROTEIN ELECTROPHORESIS

Dr. GINSBERG will contact you if these test results indicate a change in your treatment plan.

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16 JUN 2007

Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 09273070

Here are the results of the lab tests STEVEN S GINSBERG MD ordered for you on JUNE 11 2007 at Northgate Medical Center Laboratory.

Dr. GINSBERG has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. GINSBERG may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
DIFFERENTIAL				
POLYS		52	45 - 70	%
LYMPHOCYTES		36	20 - 40	%
MONOCYTES		8	0 - 11	%
EOSINOPHILS		3	0 - 7	%
BASOPHILS		1	0 - 2	%
PLATELET ESTIMATE		Adequate		
ADDITIONAL FINDINGS	A	SEE COMMENT:		
Slight Macrocytosis				
Slight Anisocytosis				
BLOOD COUNT				
LEUKOCYTE COUNT	L	3200	4000 - 10800	/CU MM
RBC	L	3.68	3.90 - 5.60	10*6
HEMOGLOBIN		11.8	11.4 - 17.0	GM/DL
HEMATOCRIT		34	34 - 49	%
MCV		92	80 - 98	
MCH		32	27 - 34	
MCHC		35.0	33 - 37	%
RDW	H	17.3	8.0 - 14.8	
PLATELET COUNT		243	140 - 450	10*3

O1LBP003

Component	Result Values	Reference Ranges	Units
CREATININE(SERUM)			
CREATININE	0.80	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN	above 60	60 - 100	ML/MIN
GFR--NON-AFRICAN AMERICAN	above 60	60 - 100	ML/MIN

.....
Values greater than 60 mL/min have less clinical significance than lower values.
.....
Chronic Kidney Disease: Repeated value less than 60 mL/min
Kidney Failure: Less than 15 mL/min

CALCIUM (SERUM)			
CALCIUM	9.3	8.4 - 10.2	MG/DL
BLOOD UREA NITROGEN			
BUN	15	6 - 24	MG/DL

Other tests collected:
IMMUNOFIXATION ELECTROPHORESIS, and SERUM PROTEIN ELECTROPHORESIS

Dr. GINSBERG will contact you if these test results indicate a change in your treatment plan.

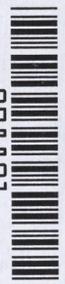
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10 MAY 2007



Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 09266978

Here are the results of the lab tests STEVEN S GINSBERG MD ordered for you on MAY 07 2007 at Northgate Medical Center Laboratory.

Dr. GINSBERG has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. GINSBERG may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
DIFFERENTIAL				
POLYS	L	27	45 - 70	%
LYMPHOCYTES	H	44	20 - 40	%
MONOCYTES	H	21	0 - 11	%
EOSINOPHILS		6	0 - 7	%
BASOPHILS		2	0 - 2	%
PLATELET ESTIMATE		Adequate		
ADDITIONAL FINDINGS	A	SEE COMMENT:		
Slight Polychromasia				
Slight Fragments				
BLOOD COUNT				
LEUKOCYTE COUNT		4400	4000 - 10800	/CU MM
RBC	L	3.87	3.90 - 5.60	10*6
HEMOGLOBIN		11.8	11.4 - 17.0	GM/DL
HEMATOCRIT		35	34 - 49	%
MCV		90	80 - 98	
MCH		31	27 - 34	
MCHC		34	33 - 37	%
RDW	H	17.5	8.0 - 14.8	
PLATELET COUNT		216	140 - 450	10*3
duplicate run				

O1LBP003

Component	Result Values	Reference Ranges	Units
CREATININE(SERUM)			
CREATININE	0.76	0.50 - 1.40	MG/DL
GFR--AFRICAN AMERICAN	above 60	60 - 100	ML/MIN
GFR--NON-AFRICAN AMERICAN	above 60	60 - 100	ML/MIN

.....
Values greater than 60 mL/min have less clinical
significance than lower values.
.....
Chronic Kidney Disease: Repeated value less than 60 mL/min
Kidney Failure: Less than 15 mL/min

CALCIUM (SERUM)			
CALCIUM	9.1	8.4 - 10.2	MG/DL
BLOOD UREA NITROGEN			
BUN	14	6 - 24	MG/DL

Other test collected:
SERUM PROTEIN ELECTROPHORESIS

Dr. GINSBERG will contact you if these test results indicate a change in your treatment plan.

We're pleased to have this opportunity to serve you.
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21 APR 2007



Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 22049072

Here are the results of the lab tests STEVEN S GINSBERG MD ordered for you on APRIL 20 2007 at Central Hospital Laboratory.

Dr. GINSBERG has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. GINSBERG may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	2500	4000 - 10800	/CU MM
RBC	L	3.59	3.90 - 5.60	10*6
HEMOGLOBIN	L	10.9	11.4 - 17.0	GM/DL
HEMATOCRIT	L	32	34 - 49	%
MCV		90	80 - 98	
MCH		30	27 - 34	
MCHC		34	33 - 37	%
RDW		14.4	8.0 - 14.8	
PLATELET COUNT		225	140 - 450	10*3
POLYS	L	24	45 - 70	%
LYMPHOCYTES		23	20 - 40	%
MONOCYTES	H	53	0 - 11	%
PLATELET ESTIMATE		Adequate		
ADDITIONAL FINDINGS		See Comment-		
Slight Target Cells				
MAGNESIUM(SERUM)				
MAGNESIUM		1.8	1.3 - 2.1	MEQ/L
PHOSPHORUS (SERUM)				
PHOSPHORUS		4.1	2.5 - 4.5	MG/DL

O1LBP003

Component		Result Values	Reference Ranges	Units
COMPREHENSIVE METABOLIC PANEL				
SODIUM	L	134	135 - 145	MEQ/L
POTASSIUM		4.2	3.5 - 5.2	MEQ/L
CHLORIDE		101	97 - 108	MEQ/L
CARBON DIOXIDE		26	22 - 32	MEQ/L
GLUCOSE		88	65 - 140	MG/DL
GLUCOSE REFERENCE RANGES:				
Fasting glucose		65 - 99 mg/dL		
Random glucose		70 - 126 mg/dL		
2 hour post prandial		70 - 140 mg/dL		
BLOOD UREA NITROGEN		13	6 - 24	MG/DL
CREATININE		0.82	0.50 - 1.40	MG/DL
CALCIUM	L	7.9	8.4 - 10.2	MG/DL
TOTAL PROTEIN	L	5.7	5.8 - 8.0	G/DL
ALBUMIN	L	2.5	3.7 - 5.1	G/DL
BILIRUBIN,TOTAL	L	0.1	0.2 - 1.1	MG/DL
AST (LIVER ENZYME)	H	41	6 - 35	U/L
ALK PHOS		96	30 - 125	U/L
ALT (LIVER ENZYME)	H	56	8 - 40	U/L
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

.....
Values greater than 60 mL/min have less clinical
significance than lower values.
.....
Chronic Kidney Disease: Repeated value less than 60 mL/min
Kidney Failure: Less than 15 mL/min

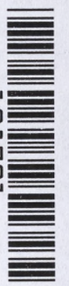
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18 APR 2007



Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 22047521

Here are the results of the lab tests STEVEN S GINSBERG MD ordered for you on APRIL 17 2007 at Central Hospital Laboratory.

Dr. GINSBERG has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. GINSBERG may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BLOOD COUNT				
LEUKOCYTE COUNT	L	2000	4000 - 10800	/CU MM
RBC	L	3.58	3.90 - 5.60	10*6
HEMOGLOBIN	L	10.9	11.4 - 17.0	GM/DL
HEMATOCRIT	L	33	34 - 49	%
MCV		91	80 - 98	
MCH		30	27 - 34	
MCHC		33	33 - 37	%
RDW		14.6	8.0 - 14.8	
PLATELET COUNT	L	81	140 - 450	10*3
RESULTS VERIFIED BY REPEAT ANALYSIS.				
POLYS	L	8	45 - 70	%
LYMPHOCYTES	H	44	20 - 40	%
MONOCYTES	H	48	0 - 11	%
PLATELET ESTIMATE	A	Decreased		
ADDITIONAL FINDINGS	A	SEE COMMENT:		
Few Atypical Lymphocytes				
MAGNESIUM(SERUM)				
MAGNESIUM		1.7	1.3 - 2.1	MEQ/L
COMPREHENSIVE METABOLIC PANEL				

Component		Result Values	Reference Ranges	Units
SODIUM		135	135 - 145	MEQ/L
POTASSIUM		4.7	3.5 - 5.2	MEQ/L
CHLORIDE		100	97 - 108	MEQ/L
CARBON DIOXIDE		27	22 - 32	MEQ/L
GLUCOSE		97	65 - 140	MG/DL
GLUCOSE REFERENCE RANGES:				
Fasting glucose			65 - 99 mg/dL	
Random glucose			70 - 126 mg/dL	
2 hour post prandial			70 - 140 mg/dL	
BLOOD UREA NITROGEN		13	6 - 24	MG/DL
CREATININE		0.94	0.50 - 1.40	MG/DL
CALCIUM	L	8.2	8.4 - 10.2	MG/DL
TOTAL PROTEIN		5.9	5.8 - 8.0	G/DL
ALBUMIN	L	2.4	3.7 - 5.1	G/DL
BILIRUBIN,TOTAL		0.2	0.2 - 1.1	MG/DL
AST (LIVER ENZYME)		25	6 - 35	U/L
ALK PHOS		98	30 - 125	U/L
ALT (LIVER ENZYME)		36	8 - 40	U/L
GFR--AFRICAN AMERICAN		above 60	60 - 100	ML/MIN
GFR--NON-AFRICAN AMERICAN		above 60	60 - 100	ML/MIN

.....
Values greater than 60 mL/min have less clinical
significance than lower values.
.....
Chronic Kidney Disease: Repeated value less than 60 mL/min
Kidney Failure: Less than 15 mL/min

We're pleased to have this opportunity to serve you.
Group Health Cooperative Laboratory Services

CBC (GHC)

About this test

For some test types, you can compare your new results to earlier results. If you have this option, you'll see a "graph or chart results" button below the test results.

The standard range column has general high and low values. Ask your doctor what your target value should be, based on your own health factors.

You may submit a form to stop (or resume) receiving a paper version of lab results.

Component Results

Component	Your Value	Standard Range	Flag
LEUKOCYTE COUNT	3800	4000-10800 /CU MM	L
RBC	3.53	3.90-5.60 10*6	L
HEMOGLOBIN	11.3	11.4-17.0 GM/DL	L
HEMATOCRIT	33	34-49 %	L
MCV	94	80-98	
MCH	32	27-34	
MCHC	34	33-37 %	
RDW	13.0	8.0-14.8	
PLATELET COUNT	251	140-450 10*3	

General Information

Collected: 1/25/2007 7:58 AM
Resulted: 1/25/2007 9:57 AM
Ordered By: STEVEN GINSBERG, MD
Result Status: Final result

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IVAN C DOIG

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Newsroom

Test Report

For some test types, results can be shown on graphs. Look for a View Line Graph and View Table options below the test results.

Do you want to stop (or resume) receiving a paper version of lab results?

Test: ELECTROPHORESIS-URINE PROTEIN (24 HR PREFERRED) (GHC) [84165.004]

Order Number: 81764426
Quantity: 1
Sample:
Date Collected: 11/16/2006 9:22 AM
Result Status: Final result
Resulted Date: 11/20/2006 4:07 PM
Provider Status: Reviewed

Component Results

Select	Component	Value	Flag	Low	High	Unit
	URINE PROTEIN-RANDOM	182				MG/DL
	URINE-ELECTROPH	SEE COMMENT:	A			

Select All | View Line Graph | View Table

Result Comments

Component	Comment
URINE-ELECTROPH	Total protein = 4960 mg/24 hr There is a monoclonal protein spike that is 33% of urine proteins or 1623 mg/24 hr. K.Riddell,M.D.

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Results

ELECTROPHORESIS SERUM PROTEIN (GHC) (Order# 78016629)

Collection Information

Specimen Source	Collection Date	Collection Time	Resulting Agency
BLOOD	8/7/2006	2:38 PM	GHC ROC LAB

Component Results

Component	Value	Flag	Low	High	Units	Stat
TOTAL PROTEIN	7.4		5.8	8.0	G/DL	Fin
%PREALBUMIN-SPE	0.0		0	1	%	Fin
% ALBUMIN-SPE	**53.7**	**L**	**58.0**	**70.0**	**%**	**Fin**
% ALPHA I-SPE	**1.1**	**L**	**1.4**	**3.1**	**%**	**Fin**
% ALPHA II-SPE	9.6		7.2	12.4	%	Fin
% BETA-SPE	**33.0**	**H**	**8.4**	**12.8**	**%**	**Fin**
% GAMMA-SPE	**2.6**	**L**	**7.5**	**17.0**	**%**	**Fin**
PREALBUMIN-SPE	0.00		0.0	0.1	G/DL	Fin
ALBUMIN-SPE	**3.97**	**L**	**4.20**	**5.20**	**G/DL**	**Fin**
ALPHA I-SPE	**0.08**	**L**	**0.11**	**0.26**	**G/DL**	**Fin**
ALPHA II-SPE	0.71		0.55	0.94	G/DL	Fin
BETA-SPE	**2.44**	**H**	**0.55**	**1.00**	**G/DL**	**Fin**
GAMMA-SPE	**0.19**	**L**	**0.50**	**1.30**	**G/DL**	**Fin**
SPE INTERPRETATION		**A**				**Fin**
	SEE COMMENT:					

Comment:
M-spike has significantly increased to 30% of serum proteins or 2.1 g/dL. K.Riddell,M.D.

Lab Information

ELECTROPHORESIS SERUM PROTEIN (GHC) (Order#78016629) on 7/15/06 - Lab Information Information

Result History

ELECTROPHORESIS SERUM PROTEIN (GHC) (Order#78016629) on 8/11/06 - Order Result History Report

Encounter

View Encounter

MyChart Status:

This order is currently shared in MyChart.

Associated Diagnosis

Diagnosis	Order Quantity
OTHER DISORDERS OF PLASMA PROTEIN METABOLISM [273.8]	1

Result Information

Result Date and Time	Status	Provider Status
8/11/2006 11:06 AM	Final result -- **Abnormal**	Reviewed

Reviewed by List

Reviewed By	Reviewed On
GINSBERG, STEVEN	Fri Aug 11, 2006 10:13 AM
FLAHERTY, LYNN	Fri Aug 11, 2006 10:58 AM

Order

ELECTROPHORESIS SERUM PROTEIN (GHC) [84165.003] (Order# 78016629)

GroupHealth COOPERATIVE | ghc.org

Laboratory Services
P.O. Box 34944
Seattle, WA 98124-1944

22 APR 2006



Ivan C Doig
17277 15TH AVE NW
SEATTLE WA 98177

Consumer: 00215848
Lab ID: 22837726

Here are the results of the lab tests STEVEN S GINSBERG MD ordered for you on APRIL 20 2006 at Central Hospital Laboratory.

Dr. GINSBERG has reviewed these results. You will be contacted if a change in your treatment plan is necessary. We've also included test reference ranges as a guide to results that would be expected in a general population. These ranges are not personalized but only a general guide. Dr. GINSBERG may have different ranges for you.

You may check these results online, as part of your secure online medical record. (You must register with MyGroupHealth at www.ghc.org and then 'upgrade' your account. Follow instructions on the site.)

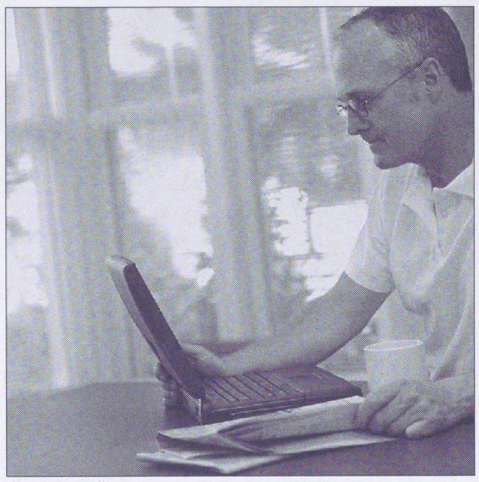
Do you already check your results online and prefer that? Go to your online Lab & Test Results area and click on the 'stop paper version' link. Also use that email form to resume receiving the mail version if you change your mind.

Component		Result Values	Reference Ranges	Units
BETA-2-MICROGLOBULIN				
BETA-2 MICROGLOBULIN		1.6	1.1 - 2.4	MG/L
IMMUNOGLOBULINS (IGG, IGA, IGM)				
TOTAL PROTEIN		7.4	5.8 - 8.0	G/DL
ALBUMIN		3.9	3.7 - 5.1	G/DL
IGG	L	296	694 - 1618	MG/DL
IGA	HH	2807	68 - 378	MG/DL
IGM	L	26	60 - 263	MG/DL

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Group Health Cooperative Laboratory Services

O1LBP003

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GroupHealth COOPERATIVE | ghc.org

Results

ELECTROPHORESIS SERUM PROTEIN (GHC) (Order# 72981640)

Collection Information

Specimen Source	Collection Date	Collection Time	Resulting Agency
BLOOD	3/30/2006	8:03 AM	GHC ROC LAB

Component Results

Component	Value	Flag	Low	High	Units	Stat
TOTAL PROTEIN	7.5		5.8	8.0	G/DL	Fin
%PREALBUMIN-SPE	0.0		0	1	%	Fin
% ALBUMIN-SPE	59.1		58.0	70.0	%	Fin
% ALPHA I-SPE	**1.0**	**L**	**1.4**	**3.1**	**%**	**Fin**
% ALPHA II-SPE	9.0		7.2	12.4	%	Fin
% BETA-SPE	**28.2**	**H**	**8.4**	**12.8**	**%**	**Fin**
% GAMMA-SPE	**2.7**	**L**	**7.5**	**17.0**	**%**	**Fin**
PREALBUMIN-SPE	0.00		0.0	0.1	G/DL	Fin
ALBUMIN-SPE	4.43		4.20	5.20	G/DL	Fin
ALPHA I-SPE	**0.08**	**L**	**0.11**	**0.26**	**G/DL**	**Fin**
ALPHA II-SPE	0.68		0.55	0.94	G/DL	Fin
BETA-SPE	**2.12**	**H**	**0.55**	**1.00**	**G/DL**	**Fin**
GAMMA-SPE	**0.20**	**L**	**0.50**	**1.30**	**G/DL**	**Fin**
SPE INTERPRETATION		**A**				**Fin**

SEE COMMENT:

Comment:
M-spike has slightly increased to 18% of serum proteins or 1.4 g/dL. K.Riddell,M.D.

Lab Information ELECTROPHORESIS SERUM PROTEIN (GHC) (Order#72981640) on 2/4/06 - Lab Information Information

Result History ELECTROPHORESIS SERUM PROTEIN (GHC) (Order#72981640) on 3/31/06 - Order Result History Report

Encounter View Encounter

MyChart Status: This order is currently shared in MyChart.

Associated Diagnosis

Diagnosis	Order Quantity
OTHER DISORDERS OF PLASMA PROTEIN METABOLISM [273.8]	1

Result Information

Result Date and Time	Status	Provider Status
3/31/2006 3:59 PM	Final result -- **Abnormal**	Reviewed

Reviewed by List

Reviewed By	Reviewed On
GINSBERG, STEVEN	Mon Apr 3, 2006 7:10 AM
FLAHERTY, LYNN	Mon Apr 3, 2006 7:52 AM

Order

ELECTROPHORESIS SERUM PROTEIN (GHC) [84165.003] (Order# 72981640)

Results

ELECTROPHORESIS SERUM PROTEIN (GHC) (Order# 67202585)

Collection Information

Specimen Source	Collection Date	Collection Time	Resulting Agency
BLOOD	2/1/2006	9:36 AM	GHC ROC LAB

Component Results

Component	Value	Flag	Low	High	Units	Stat
TOTAL PROTEIN	7.6		5.8	8.0	G/DL	Fin
%PREALBUMIN-SPE	0.0		0	1	%	Fin
% ALBUMIN-SPE	61.4		58.0	70.0	%	Fin
% ALPHA I-SPE	**1.0**	**L**	**1.4**	**3.1**	**%**	**Fin**
% ALPHA II-SPE	9.0		7.2	12.4	%	Fin
% BETA-SPE	**24.8**	**H**	**8.4**	**12.8**	**%**	**Fin**
% GAMMA-SPE	**3.8**	**L**	**7.5**	**17.0**	**%**	**Fin**
PREALBUMIN-SPE	0.00		0.0	0.1	G/DL	Fin
ALBUMIN-SPE	4.67		4.20	5.20	G/DL	Fin
ALPHA I-SPE	**0.08**	**L**	**0.11**	**0.26**	**G/DL**	**Fin**
ALPHA II-SPE	0.68		0.55	0.94	G/DL	Fin
BETA-SPE	**1.88**	**H**	**0.55**	**1.00**	**G/DL**	**Fin**
GAMMA-SPE	**0.29**	**L**	**0.50**	**1.30**	**G/DL**	**Fin**
SPE INTERPRETATION		**A**				**Fin**

SEE COMMENT:

Comment:
Marked increase in m-spike which is now 16% of serum proteins or 1.2 g/dl.
L. MACDOUGALL, MD

Lab Information ELECTROPHORESIS SERUM PROTEIN (GHC) (Order#67202585) on 8/6/05 - Lab Information Information

Result History ELECTROPHORESIS SERUM PROTEIN (GHC) (Order#67202585) on 2/6/06 - Order Result History Report

Encounter View Encounter

MyChart Status: This order is currently shared in MyChart.

Associated Diagnosis

Diagnosis	Order Quantity
OTHER DISORDERS OF PLASMA PROTEIN METABOLISM [273.8]	1

Result Information

Result Date and Time	Status	Provider Status
2/6/2006 2:48 PM	Final result -- **Abnormal**	Reviewed

Reviewed by List

Reviewed By	Reviewed On
FLAHERTY, LYNN	Mon Feb 6, 2006 4:11 PM
GINSBERG, STEVEN	Mon Feb 6, 2006 4:24 PM

Results

ELECTROPHORESIS SERUM PROTEIN (GHC) (Order# 61805691)

Collection Information

Specimen Source	Collection Date	Collection Time	Resulting Agency
BLOOD	2/16/2005	8:03 AM	GHC ROC LAB

Component Results

Component	Value	Flag	Low	High	Units	Stat
TOTAL PROTEIN	7.2		5.8	8.0	G/DL	Fin
%PREALBUMIN-SPE	0.0		0	1	%	Fin
% ALBUMIN-SPE	63.5		58.0	70.0	%	Fin
% ALPHA I-SPE	**1.2**	**L**	**1.4**	**3.1**	**%**	**Fin**
% ALPHA II-SPE	9.7		7.2	12.4	%	Fin
% BETA-SPE	**21.1**	**H**	**8.4**	**12.8**	**%**	**Fin**
% GAMMA-SPE	**4.5**	**L**	**7.5**	**17.0**	**%**	**Fin**
PREALBUMIN-SPE	0.00		0.0	0.1	G/DL	Fin
ALBUMIN-SPE	4.57		4.20	5.20	G/DL	Fin
ALPHA I-SPE	**0.09**	**L**	**0.11**	**0.26**	**G/DL**	**Fin**
ALPHA II-SPE	0.70		0.55	0.94	G/DL	Fin
BETA-SPE	**1.52**	**H**	**0.55**	**1.00**	**G/DL**	**Fin**
GAMMA-SPE	**0.32**	**L**	**0.50**	**1.30**	**G/DL**	**Fin**
SPE INTERPRETATION		**A**				**Fin**
	SEE COMMENT:					

Comment:
No change; M-spike is 8% of serum proteins or 0.6 g/dL.
K.Riddell,M.D.

Lab Information

ELECTROPHORESIS SERUM PROTEIN (GHC) (Order#61805691) on 2/5/05 - Lab Information Information

Result History

ELECTROPHORESIS SERUM PROTEIN (GHC) (Order#61805691) on 2/19/05 - Order Result History Report

Encounter

View Encounter

MyChart Status:

This order is currently not shared in MyChart.

Associated Diagnosis

Diagnosis	Order Quantity
DIS PLASMA PROTEIN MET NEC [273.8]	1

Result Information

Result Date and Time	Status	Provider Status
2/19/2005 12:19 PM	Final result -- **Abnormal**	Reviewed

Reviewed by List

Reviewed By	Reviewed On
KOLLING, ANDREE	Tue Feb 22, 2005 9:10 AM
GINSBERG, STEVEN	Wed Feb 23, 2005 9:40 AM

Status of Other Orders

Order	Lab Status	Result Date	Provider Status
CBC/PLT/DIFF (GHC) [85025.003]	Final result **Abnormal**	2/16/2005	Reviewed Wed Feb 23, 2005 9:40

Results

ELECTROPHORESIS SERUM PROTEIN (Order# 56681080)

Collection Information

Collection Date	Collection Time	Resulting Agency
8/2/2004	8:18 AM	GHC ROC LAB

Component Results

Component	Value	Flag	Low	High	Units	Stat
TOTAL PROTEIN	6.8		5.8	8.0	G/DL	Fin
%PREALBUMIN-SPE	0.0		0	1	%	Fin
% ALBUMIN-SPE	63.7		58.0	70.0	%	Fin
% ALPHA I-SPE	**1.0**	**L**	**1.4**	**3.1**	**%**	**Fin**
% ALPHA II-SPE	10.0		7.2	12.4	%	Fin
% BETA-SPE	**20.6**	**H**	**8.4**	**12.8**	**%**	**Fin**
% GAMMA-SPE	**4.7**	**L**	**7.5**	**17.0**	**%**	**Fin**
PREALBUMIN-SPE	0.00		0.0	0.1	G/DL	Fin
ALBUMIN-SPE	4.33		4.20	5.20	G/DL	Fin
ALPHA I-SPE	**0.07**	**L**	**0.11**	**0.26**	**G/DL**	**Fin**
ALPHA II-SPE	0.68		0.55	0.94	G/DL	Fin
BETA-SPE	**1.40**	**H**	**0.55**	**1.00**	**G/DL**	**Fin**
GAMMA-SPE	**0.32**	**L**	**0.50**	**1.30**	**G/DL**	**Fin**
SPE INTERPRETATION		**A**				**Fin**

SEE COMMENT:

Comment:
M spike is increased at 8% of total or 0.5 G/Dl.
D.Sherer, MD

Lab Information ELECTROPHORESIS SERUM PROTEIN (GHC) (Order#56681080) on 8/2/04 - Lab Information Information

Result History ELECTROPHORESIS SERUM PROTEIN (GHC) (Order#56681080) on 8/4/04 - Order Result History Report

Encounter View Encounter

MyChart Status: This order is currently not shared in MyChart.

Associated Diagnosis

Diagnosis	Order Quantity
MONOCLON PARAPROTEINEMIA [273.1]	1

Result Information

Result Date and Time	Status	Provider Status
8/4/2004 9:22 PM	Final result -- **Abnormal**	Reviewed

Reviewed by List

Reviewed By	Reviewed On
KOLLING, ANDREE	Thu Aug 5, 2004 8:10 AM
GINSBERG, STEVEN	Mon Aug 9, 2004 5:34 AM

Order

ELECTROPHORESIS SERUM PROTEIN [84165.003] (Order# 56681080)

Results

ELECTROPHORESIS SERUM PROTEIN (Order# 52256559)

Collection Information

Collection Date	Collection Time	Resulting Agency
2/13/2004	8:18 AM	GHC ROC LAB

Component Results

Component	Value	Flag	Low	High	Units	Stat
TOTAL PROTEIN	7.2		5.8	8.0	G/DL	Fin
%PREALBUMIN-SPE	0.0		0	1	%	Fin
% ALBUMIN-SPE	66.7		58.0	70.0	%	Fin
% ALPHA I-SPE	**1.0**	**L**	**1.4**	**3.1**	**%**	**Fin**
% ALPHA II-SPE	9.0		7.2	12.4	%	Fin
% BETA-SPE	**17.8**	**H**	**8.4**	**12.8**	**%**	**Fin**
% GAMMA-SPE	**5.5**	**L**	**7.5**	**17.0**	**%**	**Fin**
PREALBUMIN-SPE	0.00		0.0	0.1	G/DL	Fin
ALBUMIN-SPE	4.80		4.20	5.20	G/DL	Fin
ALPHA I-SPE	**0.07**	**L**	**0.11**	**0.26**	**G/DL**	**Fin**
ALPHA II-SPE	0.65		0.55	0.94	G/DL	Fin
BETA-SPE	**1.28**	**H**	**0.55**	**1.00**	**G/DL**	**Fin**
GAMMA-SPE	**0.40**	**L**	**0.50**	**1.30**	**G/DL**	**Fin**
SPE INTERPRETATION		**A**				**Fin**
	SEE COMMENT:					

Comment:
No change; M-spike is 5% of serum proteins or 0.4 g/dL.
K.Riddell,M.D.

Lab Information ELECTROPHORESIS SERUM PROTEIN (GHC) (Order#52256559) on 2/13/04 - Lab Information Information

Result History ELECTROPHORESIS SERUM PROTEIN (GHC) (Order#52256559) on 2/20/04 - Order Result History Report

Encounter View Encounter

MyChart Status: This order is currently not shared in MyChart.

Associated Diagnosis

Diagnosis	Order Quantity
MONOCLON PARAPROTEINEMIA [273.1]	1

Result Information

Result Date and Time	Status	Provider Status
2/20/2004 10:20 AM	Final result -- **Abnormal**	Ordered

Order

ELECTROPHORESIS SERUM PROTEIN [84165.003] (Order# 52256559)

Order Information

Order Date	Ordering User	Department
2/13/2004	Group Health Lab	CSC ONCOLOGY

Results

ELECTROPHORESIS SERUM PROTEIN (Order# 47578933)

Collection Information

Collection Date	Collection Time	Resulting Agency
8/18/2003	8:03 AM	GHC ROC LAB

Component Results

Component	Value	Flag	Low	High	Units	Stat
TOTAL PROTEIN	7.1		5.8	8.0	G/DL	Fin
%PREALBUMIN-SPE	0.0		0	1	%	Fin
% ALBUMIN-SPE	65.1		58.0	70.0	%	Fin
% ALPHA I-SPE	**1.1**	**L**	**1.4**	**3.1**	**%**	**Fin**
% ALPHA II-SPE	9.3		7.2	12.4	%	Fin
% BETA-SPE	**19.4**	**H**	**8.4**	**12.8**	**%**	**Fin**
% GAMMA-SPE	**5.1**	**L**	**7.5**	**17.0**	**%**	**Fin**
PREALBUMIN-SPE	0.00		0.0	0.1	G/DL	Fin
ALBUMIN-SPE	4.62		4.20	5.20	G/DL	Fin
ALPHA I-SPE	**0.08**	**L**	**0.11**	**0.26**	**G/DL**	**Fin**
ALPHA II-SPE	0.66		0.55	0.94	G/DL	Fin
BETA-SPE	**1.38**	**H**	**0.55**	**1.00**	**G/DL**	**Fin**
GAMMA-SPE	**0.36**	**L**	**0.50**	**1.30**	**G/DL**	**Fin**
INTERPRETATION	see comment					Fin

Result Narrative

```
No change; monoclonal spike is 5% of serum proteins or 0.4
grams per deciliter. K.Riddell,MD
```

Lab Information

ELECTROPHORESIS SERUM PROTEIN (GHC) (Order#47578933) on 8/18/03 - Lab Information Information

Result History

ELECTROPHORESIS SERUM PROTEIN (GHC) (Order#47578933) on 8/22/03 - Order Result History Report

Encounter

View Encounter

MyChart Status:

This order is currently not shared in MyChart.

Associated Diagnosis

Diagnosis	Order Quantity
MONOCLON PARAPROTEINEMIA [273.1]	1

Result Information

Result Date and Time	Status	Provider Status
8/22/2003 12:59 PM	Final result -- **Abnormal**	Ordered

Order

ELECTROPHORESIS SERUM PROTEIN [84165.003] (Order# 47578933)

Order Information

Order Date	Ordering User	Department
8/18/2003	Group Health Lab	CSC ONCOLOGY

Results

ELECTROPHORESIS SERUM PROTEIN (Order# 3967870)

Collection Information

Collection Date	Collection Time	Resulting Agency
2/12/2003	8:20 AM	GHC ROC LAB

Component Results

Component	Value	Flag	Low	High	Units	Stat
TOTAL PROTEIN	7.3		5.8	8.0	G/DL	Fin
%PREALBUMIN-SPE	0.0		0	1	%	Fin
% ALBUMIN-SPE	67.8		58.0	70.0	%	Fin
% ALPHA I-SPE	**0.8**	**LL**	**1.4**	**3.1**	**%**	**Fin**
% ALPHA II-SPE	9.0		7.2	12.4	%	Fin
% BETA-SPE	**17.6**	**H**	**8.4**	**12.8**	**%**	**Fin**
% GAMMA-SPE	**4.8**	**L**	**7.5**	**17.0**	**%**	**Fin**
PREALBUMIN-SPE	0.00		0.0	0.1	G/DL	Fin
ALBUMIN-SPE	4.95		4.20	5.20	G/DL	Fin
ALPHA I-SPE	**0.06**	**L**	**0.11**	**0.26**	**G/DL**	**Fin**
ALPHA II-SPE	0.66		0.55	0.94	G/DL	Fin
BETA-SPE	**1.28**	**H**	**0.55**	**1.00**	**G/DL**	**Fin**
GAMMA-SPE	**0.35**	**L**	**0.50**	**1.30**	**G/DL**	**Fin**
INTERPRETATION	see comment					Fin

Result Narrative

```
No change; M-spike is 6% of serum proteins or 0.5 g/dL.
K.Riddell,MD
```

Lab Information

ELECTROPHORESIS SERUM PROTEIN (GHC) (Order#3967870) on 2/12/03 - Lab Information Information

Encounter

View Encounter

MyChart Status:

This order is currently not shared in MyChart.

Associated Diagnosis

Diagnosis	Order Quantity
MONOCLON PARAPROTEINEMIA [273.1]	1

Result Information

Result Date and Time	Status	Provider Status
2/14/2003 2:34 PM	Final result -- **Abnormal**	Ordered

Status of Other Orders

Order	Lab Status	Result Date	Provider Status
CBC/PLT/DIFF (GHC) [85025.003]	Final result **Abnormal**	2/12/2003	Ordered
CALCIUM [82310.001]	Final result	2/12/2003	Ordered
CREATININE [82565.002]	Final result	2/12/2003	Ordered

Order

ELECTROPHORESIS SERUM PROTEIN [84165.003] (Order# 3967870)

Order Information

Order Date	Ordering User	Department

Results

ELECTROPHORESIS SERUM PROTEIN (Order# 6038196)

Collection Information

Collection Date	Collection Time	Resulting Agency
8/19/2002	8:07 AM	GHC ROC LAB

Component Results

Component	Value	Flag	Low	High	Units	Stat
TOTAL PROTEIN	7.4		5.8	8.0	G/DL	Fin
%PREALBUMIN-SPE	0.0		0	1	%	Fin
% ALBUMIN-SPE	65.9		58.0	70.0	%	Fin
% ALPHA I-SPE	**1.2**	**L**	**1.4**	**3.1**	**%**	**Fin**
% ALPHA II-SPE	9.8		7.2	12.4	%	Fin
% BETA-SPE	**17.6**	**H**	**8.4**	**12.8**	**%**	**Fin**
% GAMMA-SPE	**5.5**	**L**	**7.5**	**17.0**	**%**	**Fin**
PREALBUMIN-SPE	0.00		0.0	0.1	G/DL	Fin
ALBUMIN-SPE	4.88		4.20	5.20	G/DL	Fin
ALPHA I-SPE	**0.09**	**L**	**0.11**	**0.26**	**G/DL**	**Fin**
ALPHA II-SPE	0.73		0.55	0.94	G/DL	Fin
BETA-SPE	**1.30**	**H**	**0.55**	**1.00**	**G/DL**	**Fin**
GAMMA-SPE	**0.41**	**L**	**0.50**	**1.30**	**G/DL**	**Fin**
INTERPRETATION	see comment					Fin

Result Narrative

```
No change; M-spike is 7% of serum proteins or 0.5 g/dL.
K.Riddell,MD
```

Lab Information

ELECTROPHORESIS SERUM PROTEIN (GHC) (Order#6038196) on 8/19/02 - Lab Information Information

Encounter

View Encounter

MyChart Status:

This order is currently not shared in MyChart.

Associated Diagnosis

Diagnosis	Order Quantity
DIS PLASMA PROTEIN METAB [273]	1

Result Information

Result Date and Time	Status	Provider Status
8/23/2002 12:46 PM	Final result -- **Abnormal**	Ordered

Status of Other Orders

Order	Lab Status	Result Date	Provider Status
CBC/PLT/DIFF (GHC) [85025.003]	Final result **Abnormal**	8/19/2002	Ordered
CALCIUM [82310.001]	Final result	8/19/2002	Ordered
CREATININE [82565.002]	Final result	8/19/2002	Ordered

Order

ELECTROPHORESIS SERUM PROTEIN [84165.003] (Order# 6038196)

Order Information

Order Date	Ordering User	Department

Results

ELECTROPHORESIS SERUM PROTEIN (Order# 9084897)

Collection Information

Collection Date	Collection Time	Resulting Agency
2/13/2002	8:25 AM	GHC ROC LAB

Component Results

Component	Value	Flag	Low	High	Units	Stat
TOTAL PROTEIN	7.0		5.8	8.0	G/DL	Fin
%PREALBUMIN-SPE	0.0		0	1	%	Fin
% ALBUMIN-SPE	64.7		58.0	70.0	%	Fin
% ALPHA I-SPE	**1.3**	**L**	**1.4**	**3.1**	**%**	**Fin**
% ALPHA II-SPE	10.4		7.2	12.4	%	Fin
% BETA-SPE	**17.5**	**H**	**8.4**	**12.8**	**%**	**Fin**
% GAMMA-SPE	**6.1**	**L**	**7.5**	**17.0**	**%**	**Fin**
PREALBUMIN-SPE	0.00		0.0	0.1	G/DL	Fin
ALBUMIN-SPE	4.53		4.20	5.20	G/DL	Fin
ALPHA I-SPE	**0.09**	**L**	**0.11**	**0.26**	**G/DL**	**Fin**
ALPHA II-SPE	0.73		0.55	0.94	G/DL	Fin
BETA-SPE	**1.23**	**H**	**0.55**	**1.00**	**G/DL**	**Fin**
GAMMA-SPE	**0.43**	**L**	**0.50**	**1.30**	**G/DL**	**Fin**
INTERPRETATION	see comment					Fin

Result Narrative

```
No significant change; M-spike is 6% of serum proteins or 0.4
g/dL. K.Riddell,MD
```

Lab Information

ELECTROPHORESIS SERUM PROTEIN (GHC) (Order#9084897) on 2/13/02 - Lab Information Information

Encounter

View Encounter

MyChart Status:

This order is currently not shared in MyChart.

Associated Diagnosis

Diagnosis	Order Quantity
MONOCLON PARAPROTEINEMIA [273.1]	1

Result Information

Result Date and Time	Status	Provider Status
2/15/2002 1:26 PM	Final result -- **Abnormal**	Ordered

Status of Other Orders

Order	Lab Status	Result Date	Provider Status
CBC/PLT/DIFF (GHC) [85025.003]	Final result **Abnormal**	2/13/2002	Ordered
ALBUMIN [82040.001]	Final result	2/13/2002	Ordered
TOTAL PROTEIN [84155.003]	Final result	2/13/2002	Ordered
CALCIUM [82310.001]	Final result	2/13/2002	Ordered
CREATININE [82565.002]	Final result	2/13/2002	Ordered

Order

ELECTROPHORESIS SERUM PROTEIN [84165.003] (Order# 9084897)

Results

ELECTROPHORESIS SERUM PROTEIN (Order# 10362517)

Collection Information

Collection Date	Collection Time	Resulting Agency
9/26/2001	8:13 AM	GHC ROC LAB

Component Results

Component	Value	Flag	Low	High	Units	Stat
TOTAL PROTEIN	7.3		5.8	8.0	G/DL	Fin
%PREALBUMIN-SPE	0.0		0	1	%	Fin
% ALBUMIN-SPE	65.7		58.0	70.0	%	Fin
% ALPHA I-SPE	**1.1**	**L**	**1.4**	**3.1**	**%**	**Fin**
% ALPHA II-SPE	9.9		7.2	12.4	%	Fin
% BETA-SPE	**17.6**	**H**	**8.4**	**12.8**	**%**	**Fin**
% GAMMA-SPE	**5.7**	**L**	**7.5**	**17.0**	**%**	**Fin**
PREALBUMIN-SPE	0.00		0.0	0.1	G/DL	Fin
ALBUMIN-SPE	4.80		4.20	5.20	G/DL	Fin
ALPHA I-SPE	**0.08**	**L**	**0.11**	**0.26**	**G/DL**	**Fin**
ALPHA II-SPE	0.72		0.55	0.94	G/DL	Fin
BETA-SPE	**1.28**	**H**	**0.55**	**1.00**	**G/DL**	**Fin**
GAMMA-SPE	**0.42**	**L**	**0.50**	**1.30**	**G/DL**	**Fin**
INTERPRETATION	see comment					Fin

Result Narrative

```
No change; M-spike is 7% of serum proteins or 0.5 g/dL.
K.Riddell,MD
```

Lab Information

ELECTROPHORESIS SERUM PROTEIN (GHC) (Order#10362517) on 9/26/01 - Lab Information Information

Encounter

View Encounter

MyChart Status:

This order is currently not shared in MyChart.

Associated Diagnosis

Diagnosis	Order Quantity
MONOCLONAL PARAPROTEINEMIA [273.1]	1

Result Information

Result Date and Time	Status	Provider Status
9/28/2001 1:45 PM	Final result -- **Abnormal**	Ordered

Status of Other Orders

Order	Lab Status	Result Date	Provider Status
CBC & PLATELETS & DIFF (GHC) [85023.002]	Final result **Abnormal**	9/27/2001	Ordered
ALBUMIN [82040.001]	Final result	9/26/2001	Ordered
CALCIUM [82310.001]	Final result	9/26/2001	Ordered
CREATININE [82565.002]	Final result	9/26/2001	Ordered
TOTAL PROTEIN [84155.003]	Final result	9/26/2001	Ordered

Order

ELECTROPHORESIS SERUM PROTEIN [84165.003] (Order# 10362517)

Results

ELECTROPHORESIS SERUM PROTEIN (Order# 11114136)

Collection Information

Collection Date	Collection Time	Resulting Agency
5/21/2001	8:58 AM	GHC CENTRAL HOSPITAL LAB

Component Results

Component	Value	Flag	Low	High	Units	Stat
TOTAL PROTEIN	6.9		5.8	8.0	G/DL	Fin
%PREALBUMIN-SPE	0.0		0	1	%	Fin
% ALBUMIN-SPE	65.8		58.0	70.0	%	Fin
% ALPHA I-SPE	**1.1**	**L**	**1.4**	**3.1**	**%**	**Fin**
% ALPHA II-SPE	10.2		7.2	12.4	%	Fin
% BETA-SPE	**16.8**	**H**	**8.4**	**12.8**	**%**	**Fin**
% GAMMA-SPE	**6.1**	**L**	**7.5**	**17.0**	**%**	**Fin**
PREALBUMIN-SPE	0.00		0.0	0.1	G/DL	Fin
ALBUMIN-SPE	4.54		4.20	5.20	G/DL	Fin
ALPHA I-SPE	**0.08**	**L**	**0.11**	**0.26**	**G/DL**	**Fin**
ALPHA II-SPE	0.70		0.55	0.94	G/DL	Fin
BETA-SPE	**1.16**	**H**	**0.55**	**1.00**	**G/DL**	**Fin**
GAMMA-SPE	**0.42**	**L**	**0.50**	**1.30**	**G/DL**	**Fin**
INTERPRETATION	see comment					Fin

Result Narrative

```
M-spike is essentially unchanged at 6% of serum proteins or 0.4
g/dl. L. MacDougall, MD
```

Lab Information

ELECTROPHORESIS SERUM PROTEIN (GHC) (Order#11114136) on 5/21/01 - Lab Information Information

Encounter

View Encounter

MyChart Status:

This order is currently not shared in MyChart.

Associated Diagnosis

Diagnosis	Order Quantity
MONOCLONAL PARAPROTEINEMIA [273.1]	1

Result Information

Result Date and Time	Status	Provider Status
5/24/2001 5:50 PM	Final result -- **Abnormal**	Ordered

Status of Other Orders

Order	Lab Status	Result Date	Provider Status
CBC & PLATELETS & DIFF (GHC) [85023.002]	Final result **Abnormal**	5/21/2001	Ordered
ALBUMIN [82040.001]	Final result	5/21/2001	Ordered
CALCIUM [82310.001]	Final result	5/21/2001	Ordered
CREATININE [82565.002]	Final result	5/21/2001	Ordered
TOTAL PROTEIN [84155.003]	Final result	5/21/2001	Ordered

Order

ELECTROPHORESIS SERUM PROTEIN [84165.003] (Order# 11114136)

Results

ELECTROPHORESIS SERUM PROTEIN (Order# 11766534)

Collection Information

Collection Date	Collection Time	Resulting Agency
1/31/2001	2:21 PM	GHC ROC LAB

Component Results

Component	Value	Flag	Low	High	Units	Stat
TOTAL PROTEIN	7.5		5.8	8.0	G/DL	Fin
%PREALBUMIN-SPE	0.0		0	1	%	Fin
% ALBUMIN-SPE	64.4		58.0	70.0	%	Fin
% ALPHA I-SPE	1.4		1.4	3.1	%	Fin
% ALPHA II-SPE	10.8		7.2	12.4	%	Fin
% BETA-SPE	**17.0**	**H**	**8.4**	**12.8**	**%**	**Fin**
% GAMMA-SPE	**6.4**	**L**	**7.5**	**17.0**	**%**	**Fin**
PREALBUMIN-SPE	0.00		0.0	0.1	G/DL	Fin
ALBUMIN-SPE	4.83		4.20	5.20	G/DL	Fin
ALPHA I-SPE	0.11		0.11	0.26	G/DL	Fin
ALPHA II-SPE	0.81		0.55	0.94	G/DL	Fin
BETA-SPE	**1.28**	**H**	**0.55**	**1.00**	**G/DL**	**Fin**
GAMMA-SPE	**0.48**	**L**	**0.50**	**1.30**	**G/DL**	**Fin**
INTERPRETATION	**sc**	**A**				**Fin**

Result Narrative

```
There is a small, monoclonal protein spike that is 7% of serum
proteins or 0.5 g/dL. Gamma globulins appear decreased. IFE to
follow. K.Riddell,MD
```

Lab Information

ELECTROPHORESIS SERUM PROTEIN (GHC) (Order#11766534) on 1/31/01 - Lab Information Information

Encounter

View Encounter

MyChart Status:

This order is currently not shared in MyChart.

Associated Diagnosis

Diagnosis	Order Quantity
UNSPECIFIED ANEMIA [285.9]	1

Result Information

Result Date and Time	Status	Provider Status
2/2/2001 2:15 PM	Final result -- **Abnormal**	Ordered

Status of Other Orders

Order	Lab Status	Result Date	Provider Status
CBC & PLATELETS & DIFF (GHC) [85023.002]	Final result **Abnormal**	1/31/2001	Ordered
TSH (REFLEXIVE) [84443.001]	Final result	2/1/2001	Ordered
IMMUNOFIX SERUM [86334.002]	Final result **Abnormal**	2/8/2001	Ordered

Canceled

CBC & PLATELETS & DIFF (GHC) [85023.002]

TSH (REFLEXIVE) [84443.001]

ELECTROPHORESIS SERUM PROTEIN [84165.003]