

1-800-533-1710

PATIENT NAME				PATIENT NU	MBER		AGE	SEX	ACCESSION #
TESTING, LARRY			L3MRNG91	L3MRNG9158034			М	G9158034	
ORDERING PHYSICIAN			CLIENT ORD	CLIENT ORDER #				ACCOUNT # LIAISONS	
COLLECTION		RECEIVED		REPORT PRI	INTED	SPECIMEN INFORMA	TION		
10/18/10 01:52	Р	10/18/10 0	)1:52 P	12/23/10	01:07 P	DATE OF BIRTH: 1	/19/1948	3	
DATE TIM	1E	DATE	TIME	DATE	TIME				
Test Client Attn: Mayo Liaisons 200 First Street SW Rochester, MN 55905									
507-284-8202									

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TEST REQUESTED LO REF RANGE PERFORM SITE \*

Hemoglobin F, Red Cell Distrib, B

Hemoglobin F, Red Cell Homocellular distribution MCR

Distrib, B of Hb F

-- EXPECTED VALUES --

Reported as:

Heterocellular or

Homocellular

Interpretation Consistent with HPFH. MCR

Hemoglobin, Unstable, B

Hemoglobin, Unstable, Abnormal MCR

В

PRECAUTIONS: False-positive results will be obtained in blood specimens that contain >5% fetal hemoglobin or in specimens that are received more than a week after the blood has been

drawn.

-- EXPECTED VALUES --

Reported as:

Normal [stable] or Abnormal [unstable]

Hemoglobin S, Scrn, B

Hemoglobin S, Scrn, B Positive Negative MCR

**HGB Electrophoresis, Molecular** 

Manual DNA ExtractionPerformedMCRAlpha Globin GenePerformedMCR

Sequencing

This test was developed and its performance characteristics

\* Perform Site Legend on last page of report

PATIENT NAME	ORDER STATUS	COLLECTION DATE AND TIME
TESTING, LARRY	Final	10/18/10 01:52 P

**REF RANGE** 

PERFORM SITE \*



1-800-533-1710

			PATIENT NUMBER L3MRNG9158034			<b>AGE</b> 62	SEX M	ACCESSION # G9158034	
ORDERING PHYSICIAN			CLIENT ORDER #					ACCOUNT # LIAISONS	
COLLECT 10/18/10 DATE	01:52 P TIME ent	RECEIVED	TIME	REPORT PRINT 12/23/10 DATE	01:07 P TIME	SPECIMEN INFORMA DATE OF BIRTH: 1			
200 Firs	ayo Liaisons et Street SW ter, MN 55905 I-8202								

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**TEST REQUESTED** 

determined by Laboratory Medicine and Pathology, Mayo Clinic. It has not been cleared or approved by the U.S. Food and Drug Administration.

**Beta Globin Gene** Performed **MCR** 

Sequencing

This test was developed and its performance characteristics determined by Laboratory Medicine and Pathology, Mayo Clinic. It has not been cleared or approved by the U.S. Food and Drug Administration.

Beta Globin Gene **Performed MCR** 

Sequence

**Performed MCR** Alpha Globin Gene

Sequence

**Performed Beta Globin Gene** MCR

Del/Dup

Hb Variant by Mass Spec, B

**Performed MCR Hb Variant by Mass** 

Spec. B

This test was developed and its performance characteristics determined by Laboratory Medicine and Pathology, Mayo Clinic. It has not been cleared or approved by the U.S. Food and Drug Administration.

**IEF Confirms** 

**YES IEF Confirms** MCR

**Erythrocytosis Evaluation** 

**Erythrocytosis MCR** 

Interpretation

Reviewed by Dr. J.D. Hoyer. Borderline oxygen dissociation.

\* Perform Site Legend on last page of report

PATIENT NAME	ORDER STATUS	COLLECTION DATE AND TIME
TESTING, LARRY	Final	10/18/10 01:52 P



1-800-533-1710

PATIENT I	NAME			PATIENT NU	MBER		AGE	SEX	ACCESSION #
TESTING, LARRY				L3MRNG91	58034		62	М	G9158034
ORDERING PHYSICIAN			CLIENT ORD	CLIENT ORDER #				ACCOUNT # LIAISONS	
COLLECT	ION	RECEIVED		REPORT PRI	NTED	SPECIMEN INFORMA	TION		
10/18/10	01:52 P			12/23/10	01:07 P	DATE OF BIRTH: 1	/19/1948		
DATE	TIME	DATE	TIME	DATE	TIME				
Test Cli	ent								
Attn: Ma	ayo Liaisons								
200 First Street SW									
Rochester, MN 55905									
507-284-8202									

	HI				
EST REQUESTED	LO			REF RANGE PE	ERFORM SITE
Oxygen Dissociation	Н	31	mm Hg	24-30	MCR
P50, RBC					
P-50		Borderline			MCR
Hemoglobin A	L	21.9	%	95.8-98.0	MCR
Variant		25.0 = Hb S	%	No abnormal	MCR
				variants	
Variant 2		33.0 = Hb D	%	No abnormal	MCR
				variants	
Variant 3		2.0 = A2 Prime	%	No abnormal	MCR
				variants	
Interpretation					MCR
Reviewed by Dr.	J.D. H	oyer.			
DNA sequencing	confirms	s hemoglobins A, S	S, C and A2 Prime.		
Hemoglobin A2		3.1	%	2.0-3.3	MCR
Hemoglobin F	Н	15.0	%	0.0-0.9	MCR

## \* PERFORMING SITE

MCR	Mayo Clinic Dpt of Lab Med & Pathology	Lab Director: Franklin R. Cockerill, III, M.D.
	200 First Street SW Rochester, MN 55905	

PATIENT NAME	ORDER STATUS	COLLECTION DATE AND TIME
TESTING, LARRY	Final	10/18/10 01:52 P