MAYO CLINIC
Mayo Medical Laboratories

LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME	PATIENT NUMBER	AGE	SEX	ACCESSION #
TESTING, LARRY	L3MRNG9158034	62	M	G9158034

ORDERING PHYSICIAN	CLIENT ORDER #	ACCOUNT #
		LIAISONS

COLLECTION DATE TIME	RECEIVED DATE TIME	REPORT PRINTED DATE TIME	SPECIMEN INFORMATION
10/18/10 01:52 P	10/18/10 01:52 P	12/23/10 01:07 P	DATE OF BIRTH: 1/19/1948

Test Client
Attn: Mayo Liaisons
200 First Street SW
Rochester, MN 55905
507-284-8202

TEST REQUESTED	HI LO	REF RANGE	PERFORM SITE *
Hemoglobin F, Red Cell Distrib, B			
Hemoglobin F, Red Cell Distrib, B	Homocellular distribution of Hb F		MCR
-- EXPECTED VALUES -- Reported as: Heterocellular or Homocellular			
Interpretation	Consistent with HPFH.		MCR
Hemoglobin, Unstable, B			
Hemoglobin, Unstable, B	Abnormal		MCR
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 Extraction	Performed		MCR
Alpha Globin Gene Sequencing	Performed		MCR
This test was developed and its performance characteristics			

** Perform Site Legend on last page of report*

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TESTING, LARRY	Final	10/18/10 01:52 P

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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 Sequencing	**Performed**		**MCR**
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 Sequence	**Performed**		**MCR**
Alpha Globin Gene Sequence	**Performed**		**MCR**
Beta Globin Gene Del/Dup	**Performed**		**MCR**
Hb Variant by Mass Spec, B			
Hb Variant by Mass Spec, B	**Performed**		**MCR**
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			
IEF Confirms	**YES**		**MCR**
Erythrocytosis Evaluation			
Erythrocytosis Interpretation			**MCR**
Reviewed by Dr. J.D. Hoyer. Borderline oxygen dissociation.			

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

* PERFORMING SITE

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

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TESTING, LARRY	Final	10/18/10 01:52 P