MAYO CLINIC
Mayo Medical Laboratories

LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME	PATIENT NUMBER	AGE	SEX	ACCESSION #
TESTING, JIM	L3MRNG9158118	13M	M	G9158118

ORDERING PHYSICIAN	CLIENT ORDER #	ACCOUNT #
		LIAISONS

COLLECTION DATE TIME	RECEIVED DATE TIME	REPORT PRINTED DATE TIME	SPECIMEN INFORMATION
10/19/10 10:50 A	10/19/10 10:50 A	12/23/10 01:07 P	DATE OF BIRTH: 9/9/2009

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	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
Alpha-Globin Gene Analysis	PENDING		
HGB Electrophoresis, Molecular			
Manual DNA Extraction	Performed		MCR
Alpha Globin Gene Sequencing	Performed		MCR

** Perform Site Legend on last page of report*

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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 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**
Thalassemia and Hemoglobinopathy Eval			
Hemoglobinopathy Interpretation			**MCR**
Reviewed by Dr. J.D. Hoyer. No evidence for thalassemia or abnormal hemoglobin. These			

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results do not exclude the possibilty of alpha-thalassemia due to a single gene deletion, a harmless condition.					
Ferritin, S		122	mcg/L	24-336	SDL
Hemoglobin A	L	12.3	%	88.8-98.0	MCR
Variant		25.2 = Hb S	%	No abnormal variants	MCR
Variant 2		25.3 = Hb C	%	No abnormal variants	MCR
Variant 3		20.9 = Hb E	%	No abnormal variants	MCR
Interpretation					MCR
Reviewed by Dr. J.D. Hoyer. DNA sequencing confirms.					
Hemoglobin A2	H	3.4	%	2.0-3.3	MCR
Hemoglobin F	H	12.9	%	0.0-7.9	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.
SDL	Mayo Clinic Dpt of Lab Med & Pathology Superior Dr 3050 Superior Dr. NW Rochester, MN 55901	Lab Director: Franklin R. Cockerill, III, M.D.

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