

Patient ID SA00140404	Patient Name VALIDATIONTESTING, HBEL1	Birth Date 1977-07-27	Gender F	Age 43
Order Number SA00140404	Client Order Number SA00140404	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 18 Nov 2020 12:00		

Hb Electrophoresis Evaluation

Hb Electrophoresis Interpretation

1 MCR

No electrophoretic evidence of abnormal hemoglobin or beta thalassemia. See comment.

Comment: These results do not exclude alpha thalassemia. The vast majority of hemoglobin variants and beta thalassemias are excluded, although some rare clinically significant hemoglobin disorders are electrophoretically silent. If otherwise unexplained

lifelong/familial symptoms such as hemolysis (i.e. Heinz body hemolytic anemia), microcytosis, erythrocytosis, cyanosis, or hypoxia are present and additional testing is desired, please call the Metabolic Hematology Laboratory (1-800-533-1710).

If alpha thalassemia is a consideration, alpha globin gene deletion/duplication analysis is available (ATHAL/Alpha-Globin Gene Analysis). Additional sample required.

Hb Variant, A2 and F Quantitation,B

Result Name	Value	Unit	Reference Value	Performing Site
Hb A	96.7	%	95.8-98.0	MCR
Hb F	0.3	%	0.0-0.9	MCR
Hb A2	3.0	%	2.0-3.3	1 MCR

Result Name	Value	Unit	Reference Value	Performing Site
HPLC Hb Variant, B	See Interpretation			MCR

Received: 19 Nov 2020 10:23

Reported: 19 Nov 2020 10:25

Laboratory Notes

- 1 This test has been modified from the manufacturer's instructions. Its performance characteristics were determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	William G. Morice M.D. Ph.D	24D0404292