

Patient ID SA00155015	Patient Name VALIDATIONSOF, TESTING	Birth Date 1980-08-01	Sex F	Age 42
Order Number SA00155015	Client Order Number SA00155015	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 30 Oct 2022 08:00		

Erythrocytosis Evaluation

Erythrocytosis Interpretation

MCR

The p50 test component of the erythrocytosis evaluation is permanently discontinued due to assay performance issues.

An abnormal hemoglobin variant was not detected by protein analysis including mass spectrometry. In our experience, this excludes all high oxygen affinity hemoglobin variants seen by this laboratory. Further testing for high oxygen affinity hemoglobin variants was not performed. See note.

Sample has been forwarded for molecular evaluation of hereditary erythrocytosis mutations panel (HEMP test) and the results will be reported upon completion.

NOTE: If molecular evaluation for a hemoglobin variant is desired, please order WASEQ/alpha globin gene sequencing and WBSEQ/beta globin gene sequencing.

Reviewed By

MCR

JENNIFER MAIN

Hb Variant, A2 and F Quantitation,B

Result Name	Value	Unit	Reference Value	Performing Site
Hb A	97.0	%	95.8–98.0	MCR
Hb F	0.0	%	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			1 MCR
Hb Variant by Mass Spec, B	See Interpretation			2 MCR

Received: 31 Oct 2022 10:23

Reported: 31 Oct 2022 10:29

Laboratory Notes

- 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.
- This test was developed and its performance characteristics 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