

Patient ID SA00140479	Patient Name VALIDATIONTESTING, MEV1	Birth Date 1992-02-02	Gender F	Age 28
Order Number SA00140479	Client Order Number SA00140479	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 23 Nov 2020 12:00		

Methemoglobinemia Evaluation

Methemoglobinemia Interpretation

① MCR

No increase in methemoglobin or sulfhemoglobin detected. An abnormal hemoglobin was not detected by electrophoresis or mass spectrometry methods. Cytochrome b5 reductase [also called methemoglobin reductase] was within normal limits.

Reviewed By

MCR

JENNIFER MAIN

Hb Variant, A2 and F Quantitation,B

Result Name	Value	Unit	Reference Value	Performing Site
Hb A	96.6	%	95.8–98.0	MCR
Hb F	0.5	%	0.0–0.9	MCR
Hb A2	2.9	%	2.0–3.3	② MCR

Result Name	Value	Unit	Reference Value	Performing Site
HPLC Hb Variant, B	See Interpretation			② MCR
Methemoglobin, B	0.2	%	0.0–1.5	MCR
Methemoglobin concentrations may decline 40% per day.				
Sulfhemoglobin, B	0.1	%	0.0–0.4	① MCR
Cytochrome b5 Reductase, B	8.9	U/g Hb	7.8–13.1	① MCR

Received: 24 Nov 2020 07:40

Reported: 24 Nov 2020 08:02

Laboratory Notes

- 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.
- 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