

Patient ID SA00141475	Patient Name VALIDATIONTESTING, MET	Birth Date 1960-02-02	Gender M	Age 60
Order Number SA00141475	Client Order Number SA00141475	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 14 Jan 2021 07:00		

Methemoglobin and Sulfhemoglobin, B

Result Name	Value	Unit	Reference Value	Performing Site
  Methemoglobin, B	2.5	%	0.0–1.5	1 MCR
Methemoglobin absorbance is increased. This can be due to acquired methemoglobinemia. Other considerations include cytochrome b5 reductase deficiency [also called methemoglobin reductase deficiency] or hemoglobin variants that can absorb at the designated wavelength (M-hemoglobin variants). M-hemoglobin variants can manifest in elevated measurements of methemoglobin only, sulfhemoglobin only or both methemoglobin and sulfhemoglobin simultaneously. Correlation with hemoglobin electrophoresis results (HPLC method) may be useful. If evaluation for a hemoglobin variant is desired please call the Metabolic Hematology Laboratory or order a HBEL1 (Hemoglobin electrophoresis evaluation). When found to be acquired, methemoglobinemia is most commonly encountered as a result of administration of such medications as local anesthetics (benzocaine, prilocaine, lidocaine), dapsone, phenacetin, phenazopyridine, sulfonamides, or following ingestion of nitrates or nitrites (well-water). Methemoglobin concentrations may decline 40% per day.				
Sulfhemoglobin, B	0.3	%	0.0–0.4	1 MCR

Received: 14 Jan 2021 13:01

Reported: 14 Jan 2021 13:14

Laboratory Notes

- 1** 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