

Reporting Title: Molybdenum, B  
Performing Location: Rochester

Specimen Requirements:

**Patient Preparation:** High concentrations of gadolinium and iodine are known to interfere with most metal tests. If either gadolinium- or iodine-containing contrast media has been administered, a specimen should not be collected for 96 hours.

Collection Container/Tube:

**Preferred:** Royal blue top (EDTA) plastic trace element blood collection tube

**Specimen Volume:** 0.8 mL

Collection Instructions:

- 1. See [Metals Analysis Specimen Collection and Transport](#) for complete instructions.
- 2. Send whole blood specimen in original tube. **Do not aliquot.**

Specimen Type	Temperature	Time	Special Container
Whole blood	Refrigerated (preferred)	28 days	
	Ambient	28 days	
	Frozen	28 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
64272	Molybdenum, B	Numeric	ng/mL	5696-0

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

83018

Reference Values:

- <4 ng/mL (unexposed)
- <5 ng/mL (exposed)