

Reporting Title: Methotrexate, S**Performing Location:** Rochester**Ordering Guidance:**

For patients that have received glucarpidase (carboxypeptidase G2) as a high-dose methotrexate rescue therapy, order MTXSG / Methotrexate Post Glucarpidase, Serum.

Shipping Instructions:

Ship specimen in amber vial to protect from light.

Specimen Requirements:

Supplies: Sarstedt 5 mL Aliquot Tube (Amber) (T915)

Collection Container/Tube:

Preferred: Serum gel

Acceptable: Red top

Submission Container/Tube: Amber vial

Specimen Volume: 0.5 mL

Collection Instructions:

1. Methotrexate is sensitive to fluorescent light; avoid prolonged exposure of specimen to direct light.
2. Serum gel tubes should be centrifuged within 2 hours of collection. Protect from light.
3. Red-top tubes should be centrifuged and serum aliquoted into amber vial within 2 hours of collection.

Specimen Minimum Volume:

0.25 mL

Forms:

If not ordering electronically, complete, print, and send a Therapeutics Test Request (T831) with the specimen.

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	14 days	LIGHT PROTECTED
	Frozen	28 days	LIGHT PROTECTED
	Ambient	72 hours	LIGHT PROTECTED

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
MTHX	Methotrexate, S	Numeric	mcmol/L	14836-1

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

80204

Reference Values:

Nontoxic drug concentration after 72 hours: <0.1 mcmol/L