

Reporting Title: Thiopurine Metabolites, B
Performing Location: Mayo Clinic Laboratories - Rochester Superior Drive

Ordering Guidance:
This specimen **cannot** be shared with testing for tacrolimus, cyclosporine, sirolimus or everolimus. Testing for these must be ordered separately and separate specimens submitted.

Shipping Instructions:
Specimen **must** be shipped refrigerated.

Specimen Requirements:
Container/Tube: Lavender top (EDTA)
Specimen Volume: 3 mL
Collection Instructions: Send whole blood specimen in original tube. **Do not aliquot, centrifuge, or freeze.**

Forms:
If not ordering electronically, complete, print, and send [Gastroenterology and Hepatology Test Request](#) (T728) with the specimen

Specimen Type	Temperature	Time	Special Container
Whole Blood EDTA	Refrigerated (preferred)	8 days	
	Ambient	24 hours	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
49580	6-Thioguanine Nucleotides	Alphanumeric	pmol/8x10(8)RBC	32660-3
49581	6-Methylmercaptopurine	Alphanumeric	pmol/8x10(8)RBC	32654-6

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

Supplemental Report:
No

CPT Code Information:
80299

Reference Values:
6-Thioguanine Nucleotides (6-TGN): 235-450 pmol/8x10(8) red blood cell (RBC)
6-Methylmercaptopurine (6-MMP): Less than or equal to 5700 pmol/8x10(8) RBC