

THIOPURINE
METHYLTRANSFERASE:
PHENOTYPE

Orderable - TPMT

Turn Around Time: 7 days

Alternate Name(s):

TPMT Phenotype

Specimen:

4 mL Lavender EDTA Vacutainer tube

Collection Information:

A minimum volume of 1 mL is required for testing.

Avoid gel-separator tubes. Do not freeze, store and send cold.

Note: This test is only available to gastroenterologists at SJH/LHSC. If requested by other physician's approval must be given by the Biochemist on-call.

Reference Ranges:

Low Activity:	< 10 nmol/Hbh
Intermediate:	10 - 40 nmol/Hbh
Normal Activity:	> 40 nmol/Hbh

Interpretive Comments:

Falsely low TPMT activity is observed in patients being treated with aminosalicylates. Red blood cell transfusion pre-test may produce false indication of patient's TPMT status. Patients should be tested prior to Azathioprine or 6-MP treatment.

Storage and Shipment:

Do not freeze. Please send on ice packs. Specimen must be received at ICL Monday-Thursday within 4 days of collection. State collection date. TPMT Genotyping is also available - see separate listing.



Laboratory:
Core Lab



Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
UPLC/Fluorescence



Test Schedule:
Referred out Monday-
Thursday



Referred Out Location:
[In-Common Laboratories](#)