

Laboratory Medicine - Test Information Guide

Methylene Tetrahydrofolate reductase gene variant genotyping (C677T)

Alternate Name: MTHFR

Department: Molecular Diagnostics

STAT Test Available: N

TAT (Days): Refer to [SCI-5.7.13.4](#) Molecular Diagnostics-Turnaround Time

Specimen Type: Whole blood

Collection Information & Patient Prep:

- Collect in 4.5ml Vacutainer with EDTA anticoagulant (lavender top tube). Place specimen label over top of existing Vacutainer label, along the length of tube. Note: contents of tube need to be visible.
- Do not freeze sample.
- Do not centrifuge sample.
- Transport within 24 hours at room temperature. Samples that cannot be transported to Sunnybrook laboratory Services within 24 hours of collection should be refrigerate at 4oC and transported on an Ice pack.

Methodology:

Requisition:

Critical Result Ranges:

Testing Referred To:

Sample Volume:

Unit of Measure:

Image:

Reference Ranges: