

Patient Name : Demo Patient Name
Age / Sex : 55 Y / F
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 12-Aug-25 11:20
Patient ID : UHID.DEMO.001

MTHFR (Methylene Tetrahydrofolate Reductase) Gene Mutation, Qualitative PCR EDTA Whole Blood Sample

Accession No: DEMO_BARCODE Collected On: 12-Aug-25 11:21 Received On: 12-Aug-25 15:48 Approved On: 14-Aug-25 20:58

Observation	Result	Unit	Biological Ref. Interval	Method
MTHFR Gene Mutation	DETECTED			RT-PCR

MTHFR C677T - HETEROZYGOUS DETECTED

MTHFR A1298C - HETEROZYGOUS DETECTED

Methodology This assay uses PCR technology by using three sets of specific primers and probes combinations for two polymorphic sites of human MTHFR gene: C677T and A1298C. Each sample uses two tubes of PCR reaction to qualitatively detect the gene polymorphisms of two sites using a three colour fluorescent instrument.

Interpretation: MTHFR C667T and MTHFR A1298C mutation may cause slight reduction in enzyme activity and may associated with increased homocysteine levels. Therefore these carriers may be at increased risk for thrombosis.

Advised: Clinical correlation by the treating physician before acting upon the results of this test.



This is a Demo Signature
and the doctor's signature should appear here

In case of any unexpected or alarming results, please contact us immediately for re-confirmation, clarifications, and rectifications, if needed.

