MAYO CLINIC
Mayo Medical Laboratories

1-800-533-1710

MTHFR

5,10-Methylenetetrahydrofolate Reductase
C677T, Mutation, Blood

Patient ID	Patient Name		Birth Date	Gender	Age
SA00056139	SAMPLEREPORT, MTHFR		1966-06-10	F	46
Order Number	**Client Order Number**	**Ordering Physician**	**Report Notes**		
SA00056139	SA00056139	Client, Client			
Account Information		**Collected**			
C7028846 DLMP Rochester		24 Mar 2013 13:00			

MTHFR C677T Mutation Analysis, B

MTHFR Interpretation

MCR

This individual DOES NOT have the Methylenetetrahydrofolate reductase (MTHFR) C677T gene mutation. In the absence of the MTHFR C677T gene mutation, other causes of hyperhomocysteinemia should be considered (renal failure, zinc deficiency, leukemia, psoriasis, or antifolate drug therapy). If clinically indicated, suggest Coagulation Consultation 83093 (Thrombophilia Profile) to complete the evaluation for an inherited or acquired thrombosing disorder (i.e., thrombophilia). Consider genetic consultation and counseling of potentially affected family members regarding laboratory testing.

ADDITIONAL INFORMATION

This test is a direct mutation analysis using PCR amplification, signal generation and release by cleavage of sequence specific alleles (Invader Plus Chemistry, Hologic, Madison, WI).

Methylenetetrahydrofol Reduc Mut, B

MCR

Negative

Reference Value
Negative

MTHFR Reviewed By

MCR

Ann Strege

Received: 25 Mar 2013 12:39 **Reported:** 25 Mar 2013 13:02

Performing Site Legend

Code	Laboratory	Address
MCR	Mayo Clinic Dept. of Lab Med and Pathology	200 First Street SW, Rochester, MN 55905