



5,10-Methylenetetrahydrofolate Reductase  
A1298C, Mutation, Blood

Patient ID <b>SA00056233</b>	Patient Name <b>SAMPLEREPORT, MTHAC</b>	Birth Date <b>1966-06-10</b>	Gender <b>F</b>	Age <b>46</b>
Order Number <b>SA00056233</b>	Client Order Number <b>SA00056233</b>	Ordering Physician <b>Client, Client</b>	Report Notes	
Account Information <b>C7028846 DLMP Rochester</b>		Collected <b>26 Mar 2013 13:00</b>		

**MTHFR A1298C Mutation Analysis, B**

**MTHAC Interpretation**

MCR

This individual DOES NOT have the Methylenetetrahydrofolate reductase (MTHAC) A1298C gene mutation. In the absence of the MTHAC A1298C 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).

**MTHFR A1298C Mutation Analysis, B**

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**Negative**

**Reference Value**  
Negative

**MTHAC Reviewed By**

MCR

Ann Stregge

**Received:** 27 Mar 2013 08:32

**Reported:** 27 Mar 2013 08:36

**Performing Site Legend**

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