MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,MTHAC	SA00056234	46	F	SA00056234
Ordering Phys CLIENT,CLIENT				**DOB** 06/10/1966
Client Order # SA00056234	**Account Information**			**Report Notes**
Collected 03/26/2013 13:00	C7028846-DLMP Rochester 3050 Superior Drive Rochester, MN 55901			
Printed 03/28/2013 14:27				

Test	Flag	Results	Unit	Reference Value	Perform Site*
			REPORTED 03/27/2013 08:36		
MTHFR A1298C Mutation Analysis, B	AB	Heterozygous		Negative	MCR
MTHAC Interpretation					MCR

This individual DOES have the Methylenetetrahydrofolate reductase (MTHAC) A1298C gene mutation on ONE allele (heterozygous mutant). MTHAC A1298C carriers are not at increased risk for thrombosis in the absence of hyperhomocysteinemia. In the absence of alternative causes, heterozygous carriers of MTHAC A1298C are not at increased risk for hyperhomocysteinemia. Hyperhomocysteinemia is a relatively weak risk factor for both venous thromboembolism and arterial thrombosis. The MTHAC A1298C gene mutation test does not detect other causes of hyperhomocysteinemia due to acquired disorders (renal failure, zinc deficiency, leukemia, psoriasis, or antifolate drug therapy). If clinically indicated, suggest Coagulation Consultation 83093 (Thrombophila 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.

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).

MTHAC Reviewed By	Ann Strege	MCR

* Performing Site:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director:

Patient Name	Collection Date and Time	Report Status
SAMPLEREPORT,MTHAC	03/26/2013 13:00	Final
Page 1 of 1		** End of Report **

* Report times for Mayo performed tests are CST/CDT