

Patient Name SAMPLEREP, MTHFR	Patient ID SA00048670	Age 46	Gender F	Order # SA00048670
Ordering Phys			DOB 06/10/1966	
Client Order # SA00048670	Account Information			Report Notes
Collected 08/22/2012 13:00	C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER, MN 55901			
Printed 08/28/2012 12:05				

Test	Flag	Results	Unit	Reference Value	Perform Site*
Methylenetetrahydrofol Reduc Mut, B		Negative		REPORTED 08/23/2012 11:34 Negative	MCR MCR
<p>MTHFR Interpretation</p> <p>This individual DOES NOT have the Methylenetetrahydrofolate reductase (MTHFR) C677T gene mutation. Although the MTHFR C677T gene mutation is absent, the individual may have other genetic or environmental risk factors for thrombosis. The MTHFR C677T gene mutation test does not detect other causes of hyperhomocysteinemia due to acquired disorders, such as 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.</p> <p>This test is a direct mutation analysis of leukocyte genomic DNA by the Invader Assay system (Invader, Hologic Inc, Madison, WI).</p> <p>Analyte Specific Reagent. This test was developed and its performance characteristics determined by Mayo Clinic. It has not been cleared or approved by the U.S. Food and Drug Administration.</p> <p>MTHFR Reviewed By: Ann Strege</p>					

* Performing Site:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director:
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Patient Name SAMPLEREP, MTHFR	Collection Date and Time 08/22/2012 13:00	Report Status Final
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* Report times for Mayo performed tests are CST/CDT