MAYO CLINIC
Mayo Medical Laboratories

LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME	PATIENT NUMBER	AGE	SEX	ACCESSION #
TESTING, DERLEN IS	L3MRNG9151977	55	F	G9151977

ORDERING PHYSICIAN	CLIENT ORDER #	ACCOUNT #
DR OLDENBURG		LIAISONS

COLLECTION DATE TIME	RECEIVED DATE TIME	REPORT PRINTED DATE TIME	SPECIMEN INFORMATION
06/17/10 10:35 A	06/17/10 10:35 A	07/01/10 08:38 A	DATE OF BIRTH:
Test Client Attn: Mayo Liaisons 200 First Street SW Rochester, MN 55905 507-284-8202			TESTING DERLEN

TEST REQUESTED	HI LO		REF RANGE	PERFORM SITE *
Methylenetetrahydrofol Reduc Mut, B				
Methylenetetrahydrofol Reduc Mut, B		**Heterozygous**	**Negative**	**MCR**
Analyte Specific Reagent This test was developed and its performance characteristics determined by Laboratory Medicine and Pathology, Mayo Clinic. This test has not been cleared or approved by the U.S. Food and Drug Administration.				
MTHFR Method				**MCR**
This test is a direct mutation analysis of leukocyte genomic DNA by the Invader Assay system (Invader, Third Wave Technologies, Madison, WI).				
MTHFR Interpretation				**MCR**
This individual DOES have the Methylenetetrahydrofolate reductase(MTHFR) C677T gene mutation on ONE allele (heterozygous mutant). Individuals heterozygous for the MTHFR C677T gene mutation are at less risk for hyperhomocysteinemia compared to homozygous carriers. The MTHFR C677T gene mutation test does not detect other causes of hyperhomocysteinemia due to acquired disorders, such as deficiency of vitamins B12, B6, or folic acid, chronic renal failure, zinc deficiency, leukemia, psoriasis, or antifolate drug therapy. Consider additional testing for hemostatic disorders associated with increased thrombosis risk, if indicated. Consider genetic consultation and counseling of potentially affected family members regarding laboratory testing.				
MTHFR Reviewed By:		**J.A. HEIT, MD**		**MCR**

*** PERFORMING SITE**

MCR	Mayo Clinic Dpt of Lab Med & Pathology	Lab Director: Franklin R. Cockerill, III, M.D.

**** Perform Site Legend on last page of report***

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TESTING, DERLEN IS	Final	06/17/10 10:35 A

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