

Patient Name SAMPLEREPORT,HCMM A	Patient ID M0002122	Age 40	Gender F	Order # M0002122
Ordering Phys				DOB 09/28/1971
Client Order # M0002122	Account Information			Report Notes
Collected 06/27/2012 00:45	C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901			
Printed 02/20/2013 09:27				

Test	Flag	Results	Unit	Reference Value	Perform Site*
HCMM, BS			REPORTED	02/20/2013 07:57	
Reason For Referral		See Below			MCR
Result: Reason for referral not provided.					
Homocysteine	H	27.9	nmol/mL	<15.0	MCR
Methylmalonic Acid		3.8	nmol/mL	<5.0	MCR
Methylcitric Acid		0.5	nmol/mL	<1.0	MCR
Interpretation					
These results are suggestive of a diagnosis of either homocystinuria (cystathionine beta synthase deficiency), methylene tetrahydrofolate reductase deficiency (MTHFR) or another defect in cobalamin metabolism. We recommend laboratory evaluation to include a quantitative plasma amino acid, total homocysteine, methylmalonic acid, and urine organic acid analyses.					
Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)					
Reviewed By		Jennifer Peterson			MCR

* Performing Site:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director:
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Patient Name SAMPLEREPORT,HCMM A	Collection Date and Time 06/27/2012 00:45	Report Status Final
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* Report times for Mayo performed tests are CST/CDT