

Laboratory Service Report

1-800-533-1710

Patient Name TESTINGRNV,ABNORMAL	Patient ID SA00064418	Age 28	Gender F	Order # SA00064418	
Ordering Phys CLIENT,CLIENT			•	DOB 06/19/1985	
Client Order # SA00064418	Account Information			Report Notes	
Collected 11/11/2013 10:51		C7028846-DLMP Rochester SDSC 2 - Client Support			
Printed 12/11/2013 13:57	Rochester, MN 55901				

Test Flag Results Unit Reference Value Site*

Homocysteine, Total, S H 154 mcmol/L <=13 (Fasting) MCR

RECEIVED: 11/11/2013 11:57 REPORTED: 11/11/2013 11:59

The homocysteine concentration is markedly elevated in this sample. If clinically indicated, consider ruling out a possible underlying disorder of methionine metabolism (such as cystathionine beta-synthase deficiency, methylene tetrahydrofolate reductase deficiency, methionine synthase deficiency). Alternatively, this finding could be

deficiency). Alternatively, this finding could be indicative of severe folate or cobalamin deficiency and may present an increased risk of thromboembolic vascular disease. Hyperhomocysteinemia is a contributing factor in the pathogenesis of neural tube defects. Additional clinical information is required for further interpretation.

Laboratory developed test.

* Performing Site:

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MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director: Franklin R. Cockerill, III, M.D.

Patient Name	Collection Date and Time	Report Status
TESTINGRNV,ABNORMAL	11/11/2013 10:51	Final
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