



Patient ID SA00064418	Patient Name TESTINGRNV, ABNORMAL	Birth Date 1985-06-19	Gender F	Age 28
Order Number SA00064418	Client Order Number SA00064418	Ordering Physician Client, Client	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 11 Nov 2013 10:51		

Homocysteine, Total, S



154 mcmmol/L

MCR

Reference Value
≤13 (Fasting)

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 indicative of severe

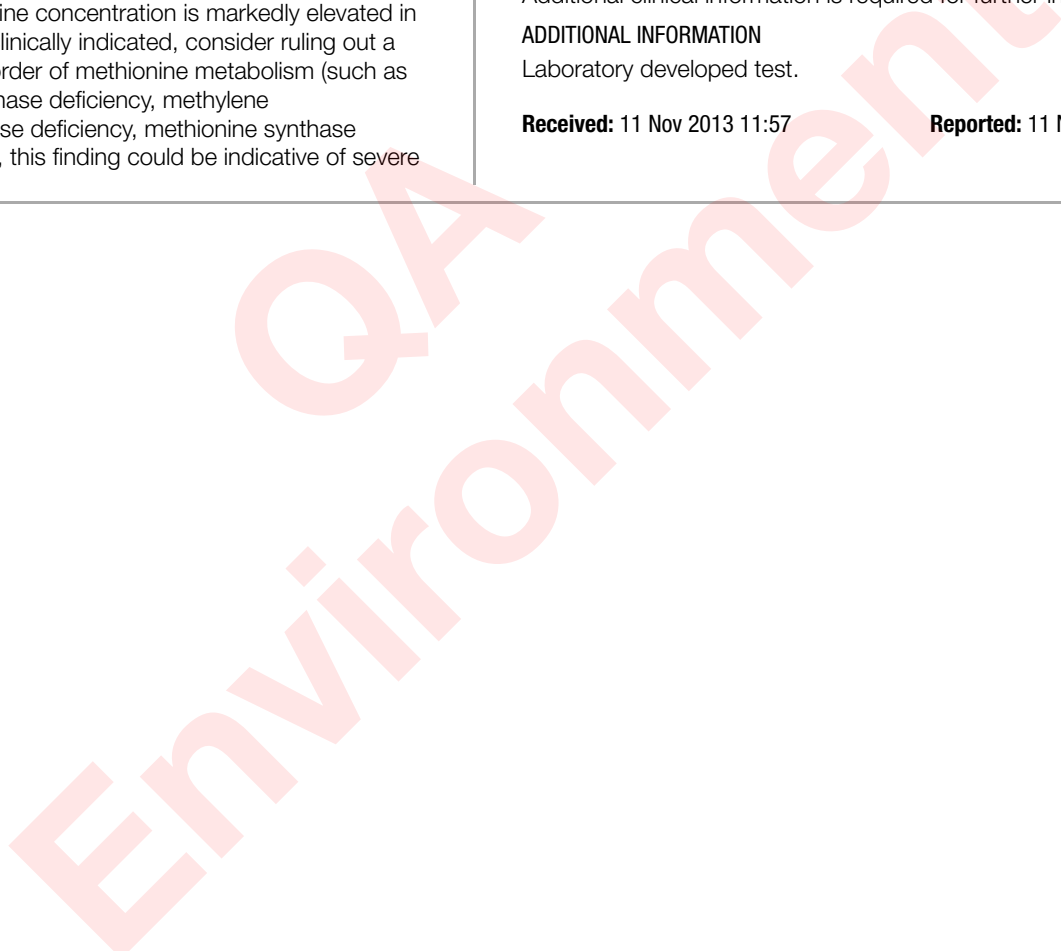
folate or cobalamin deficiency and may present an increased risk of thromboembolic vascular disease. Hyperhomocysteinemia is a contributing factor in the pathogenesis of neural tube defects. Additional clinical information is required for further interpretation.

ADDITIONAL INFORMATION

Laboratory developed test.

Received: 11 Nov 2013 11:57

Reported: 11 Nov 2013 11:59



Performing Site Legend

Code	Laboratory	Address
MCR	Mayo Clinic Dept. of Lab Med and Pathology	200 First Street SW, Rochester, MN 55905