

Patient ID SA00145764	Patient Name TESTINGRNV, SAMPLEREPORT	Birth Date 1982-06-29	Gender F	Age 39
Order Number SA00145764	Client Order Number SA00145764	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 05 Aug 2021 08:00		

Creatine Disorders Panel, S

Interpretation

POSITIVE In this sample, the concentration of guanidinoacetic acid (GAA) was elevated; creatine (Cr) and creatinine (Crn) were reduced. These findings are suggestive of a biochemical diagnosis of guanidinoacetate methyltransferase (GAMT) deficiency.

ADDITIONAL INFORMATION

Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)

Creatine



10.4 nmol/mL

MCR

Reference Value
17.1–51.1

Creatinine



24.1 nmol/mL

MCR

Reference Value
35.9–81.4

Guanidinoacetate



41.8 nmol/mL

MCR

Reference Value
1.2–2.9

Creatine/Creatinine

0.43

MCR

Reference Value
≤0.83

Guanidinoacetate/Creatine



4.019

MCR

Reference Value
≤0.113

Guanidinoacetate/Creatinine



1.734

MCR

Reference Value
≤0.036

Reviewed By

Amy Breitlow

MCR

Received: 06 Aug 2021 08:17

Reported: 06 Aug 2021 08:38

Laboratory Notes

- 1 This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	William G. Morice M.D. Ph.D	24D0404292