

2-Hydroxyglutaric Acid Chiral Analysis, Quantitative,
Random, Urine

Patient ID SA00145218	Patient Name TESTINGRNV, SAMPLEREPORT	Birth Date 1982-06-29	Gender F	Age 38
Order Number SA00145218	Client Order Number SA00145218	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 28 Jun 2021 07:00		

D-,L- 2-Hydroxyglutaric Acid, QN, U

Interpretation

1 MCR

POSITIVE In this urine sample, the excretion of L-2-hydroxyglutaric acid was elevated.

The score of CLIR post-analytical tool for L-2-hydroxyglutaric aciduria is: 35 (informative >20; percentile rank in comparison to known cases 95%, N=100)

Interpretation: This result is suggestive of a biochemical diagnosis of L-2-hydroxyglutaric aciduria. Consider molecular analysis of the L2HGDH gene (MCL test 2OHGP).

ADDITIONAL INFORMATION

Gas Chromatography-Mass Spectrometry (GC/MS)

D-2-Hydroxyglutaric acid

MCR

3.24 mmol/mol Cr

Reference Value
≤3.42

L-2-Hydroxyglutaric acid

MCR



15.95 mmol/mol Cr

Reference Value
≤4.88

Reviewed By

MCR

Amy Breitlow

Received: 29 Jun 2021 06:58

Reported: 29 Jun 2021 07:08

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

Report Status: Final