

Patient ID 321	Patient Name IMPLEMENTATION, TEST T	Birth Date 1973-05-01	Sex F	Age 50
Order Number X100461805	Client Order Number X100461805	Ordering Physician UNKNOWN, PROVIDER	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 24 Apr 2024 10:00		

Amino Acids, QN, CSF

Interpretation

1 MCR

In this sample, the concentration of glycine was elevated. Please note that only a CSF/plasma glycine ratio >0.03 (based on reasonably simultaneous specimens) represents a reliable diagnostic marker of nonketotic hyperglycinemia.

Please contact the Biochemical Genetics consultant or genetic counselor on call (1-800-533-1710) if you have any questions.

ADDITIONAL INFORMATION

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

Taurine

9 nmol/mL

MCR

Reference Value
3-9

Asparagine

14 nmol/mL

MCR

Reference Value
5-14

Serine

58 nmol/mL

MCR

Reference Value
18-58

Hydroxyproline

2 nmol/mL

MCR

Reference Value
<3

Glycine

 55 nmol/mL

High

MCR

Reference Value
<28

Glutamine

1283 nmol/mL

MCR

Reference Value
452-1283

Aspartic Acid

<12 nmol/mL

MCR

Reference Value
<12

Ethanolamine

24 nmol/mL

MCR

Reference Value
6-24

Histidine

36 nmol/mL

MCR

Reference Value
12-36

Threonine

57 nmol/mL

MCR

Reference Value
13-57

Citrulline

3 nmol/mL

MCR

Reference Value
<4

Sarcosine

<21 nmol/mL

MCR

Reference Value
<21

Beta-alanine

<17 nmol/mL

MCR

Reference Value
<17

Alanine

80 nmol/mL

MCR

Reference Value
22-80

Glutamic Acid

1 nmol/mL

MCR

Reference Value
<2

1-Methylhistidine

2 nmol/mL

MCR

Reference Value
<3

3-Methylhistidine

4 nmol/mL

MCR

Reference Value
<5

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

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Argininosuccinic Acid	MCR Reference Value <4 nmol/mL	Cystathionine	MCR Reference Value <2 nmol/mL
Homocitrulline	MCR Reference Value <1 nmol/mL	Cystine	MCR Reference Value <3 nmol/mL
Arginine	MCR Reference Value 14–32 nmol/mL	Lysine	MCR Reference Value 23–54 nmol/mL
Alpha-aminoadipic Acid	MCR Reference Value <2 nmol/mL	Methionine	MCR Reference Value <12 nmol/mL
Gamma-amino-n-butyric Acid	MCR Reference Value <10 nmol/mL	Valine	MCR Reference Value 13–52 nmol/mL
Beta-aminoisobutyric Acid	MCR Reference Value <1 nmol/mL	Tyrosine	MCR Reference Value <65 nmol/mL
Alpha-amino-n-butyric Acid	MCR Reference Value <10 nmol/mL	Isoleucine	MCR Reference Value 3–17 nmol/mL
Hydroxylysine	MCR Reference Value <1 nmol/mL	Leucine	MCR Reference Value 10–53 nmol/mL
Proline	MCR Reference Value <2 nmol/mL	Phenylalanine	MCR Reference Value 8–23 nmol/mL
Ornithine	MCR Reference Value <15 nmol/mL	Tryptophan	MCR Reference Value <14 nmol/mL

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Allo-isoleucine	MCR
<2 nmol/mL	Reference Value <2
Received: 26 Apr 2024 09:49	Reported: 26 Apr 2024 11:14

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.

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