

Patient ID 321	Patient Name IMPLEMENTATION, TEST T	Birth Date 1973-05-01	Sex F	Age 50
Order Number X100461812	Client Order Number X100461812	Ordering Physician UNKNOWN, PROVIDER	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 24 Apr 2024 11:00		

Amino Acids, QN, Random, U

Interpretation (AAPD)

In this sample, the excretion of glutamine was elevated. If clinically indicated consider plasma ammonia and quantitative amino acid analysis. 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

2133 nmol/mg Cr

Asparagine

203 nmol/mg Cr

Serine

657 nmol/mg Cr

Hydroxyproline

47 nmol/mg Cr

Glycine

4067 nmol/mg Cr

Glutamine

 958 nmol/mg Cr

High

Aspartic Acid

11 nmol/mg Cr

1 MCR

MCR
Reference Value
<2134

MCR
Reference Value
<204

MCR
Reference Value
<658

MCR
Reference Value
<48

MCR
Reference Value
<4068

MCR
Reference Value
<764

MCR
Reference Value
<12

Ethanolamine

499 nmol/mg Cr

Histidine

1507 nmol/mg Cr

Threonine

383 nmol/mg Cr

Citrulline

33 nmol/mg Cr

Sarcosine

5 nmol/mg Cr

Beta-alanine

57 nmol/mg Cr

Alanine

471 nmol/mg Cr

Glutamic Acid

61 nmol/mg Cr

1-Methylhistidine

264 nmol/mg Cr

3-Methylhistidine

1919 nmol/mg Cr

MCR

Reference Value
<500

MCR

Reference Value
<1508

MCR

Reference Value
<384

MCR

Reference Value
<34

MCR

Reference Value
<6

MCR

Reference Value
<58

MCR

Reference Value
<472

MCR

Reference Value
<62

MCR

Reference Value
<265

MCR

Reference Value
<1920

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

Patient ID 321	Patient Name IMPLEMENTATION, TEST T	Birth Date 1973-05-01	Sex F	Age 50
Order Number X100461812	Client Order Number X100461812	Ordering Physician UNKNOWN, PROVIDER	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 24 Apr 2024 11:00		

Argininosuccinic Acid	MCR	Cystathionine	MCR
36 nmol/mg Cr	Reference Value <37	32 nmol/mg Cr	Reference Value <33
Homocitrulline	MCR	Cystine	MCR
86 nmol/mg Cr	Reference Value <87	141 nmol/mg Cr	Reference Value <142
Arginine	MCR	Lysine	MCR
64 nmol/mg Cr	Reference Value <65	294 nmol/mg Cr	Reference Value <295
Alpha-aminoadipic Acid	MCR	Methionine	MCR
72 nmol/mg Cr	Reference Value <73	14 nmol/mg Cr	Reference Value <15
Gamma-amino-n-butyric Acid	MCR	Valine	MCR
3 nmol/mg Cr	Reference Value <4	72 nmol/mg Cr	Reference Value <73
Beta-aminoisobutyric Acid	MCR	Tyrosine	MCR
264 nmol/mg Cr	Reference Value <265	154 nmol/mg Cr	Reference Value <155
Alpha-amino-n-butyric Acid	MCR	Isoleucine	MCR
18 nmol/mg Cr	Reference Value <19	25 nmol/mg Cr	Reference Value <26
Hydroxylysine	MCR	Leucine	MCR
15 nmol/mg Cr	Reference Value <16	63 nmol/mg Cr	Reference Value <64
Proline	MCR	Phenylalanine	MCR
97 nmol/mg Cr	Reference Value <98	97 nmol/mg Cr	Reference Value <98
Ornithine	MCR	Tryptophan	MCR
192 nmol/mg Cr	Reference Value <193	139 nmol/mg Cr	Reference Value <140

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



Patient ID 321	Patient Name IMPLEMENTATION, TEST T	Birth Date 1973-05-01	Sex F	Age 50
Order Number X100461812	Client Order Number X100461812	Ordering Physician UNKNOWN, PROVIDER	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 24 Apr 2024 11:00		

Allo-isoleucine	MCR	Reviewed BY	MCR
3 nmol/mg Cr	Reference Value <4	Amy Breitlow	
		Received: 26 Apr 2024 09:56	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.

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