

Patient ID <b>SA00966552</b>	Patient Name <b>SAMPLEREPOR, NML AAQP</b>	Birth Date <b>1999-06-16</b>	Sex <b>F</b>	Age <b>22</b>
Order Number <b>SA00966552</b>	Client Order Number <b>SA00966552</b>	Ordering Physician <b>CLIENT,CLIENT</b>	Report Notes	
Account Information <b>C7028846 DLMP Rochester</b>		Collected <b>08 May 2022 12:00</b>		

## Amino Acids, QN, P

**Phosphoserine**

12 nmol/mL

MCR

 Reference Value  
<18

**Phosphoethanolamine**

5 nmol/mL

MCR

 Reference Value  
<12

**Taurine**

53 nmol/mL

MCR

 Reference Value  
42–156

**Asparagine**

44 nmol/mL

MCR

 Reference Value  
37–92

**Serine**

102 nmol/mL

MCR

 Reference Value  
63–187

**Hydroxyproline**

16 nmol/mL

MCR

 Reference Value  
4–29

**Glycine**

254 nmol/mL

MCR

 Reference Value  
126–490

**Glutamine**

456 nmol/mL

MCR

 Reference Value  
371–957

**Aspartic Acid**

6 nmol/mL

MCR

 Reference Value  
<7

**Ethanolamine**

41 nmol/mL

MCR

 Reference Value  
<67

**Histidine**

53 nmol/mL

MCR

 Reference Value  
39–123

**Threonine**

219 nmol/mL

MCR

 Reference Value  
85–231

**Citrulline**

23 nmol/mL

MCR

 Reference Value  
17–46

**Sarcosine**

2 nmol/mL

MCR

 Reference Value  
<5

**Beta-Alanine**

21 nmol/mL

MCR

 Reference Value  
<29

**Alanine**

321 nmol/mL

MCR

 Reference Value  
200–579

**Glutamic Acid**

65 nmol/mL

MCR

 Reference Value  
13–113

**1-Methylhistidine**

12 nmol/mL

MCR

 Reference Value  
<28

**3-Methylhistidine**

4 nmol/mL

MCR

 Reference Value  
2–9

**Argininosuccinic Acid**

1 nmol/mL

MCR

 Reference Value  
<2

**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 <b>SA00966552</b>	Patient Name <b>SAMPLEREPORT, NML AAQP</b>	Birth Date <b>1999-06-16</b>	Sex <b>F</b>	Age <b>22</b>
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<b>Carnosine</b>	MCR Reference Value <1	<b>Ornithine</b>	MCR Reference Value 38–130
0 nmol/mL		76 nmol/mL	
<b>Anserine</b>	MCR Reference Value <1	<b>Cystathionine</b>	MCR Reference Value <5
0 nmol/mL		2 nmol/mL	
<b>Homocitrulline</b>	MCR Reference Value <2	<b>Cystine</b>	MCR Reference Value 3–95
1 nmol/mL		15 nmol/mL	
<b>Arginine</b>	MCR Reference Value 32–120	<b>Lysine</b>	MCR Reference Value 103–255
36 nmol/mL		165 nmol/mL	
<b>Alpha-aminoadipic Acid</b>	MCR Reference Value <3	<b>Methionine</b>	MCR Reference Value 4–44
2 nmol/mL		5 nmol/mL	
<b>Gamma-amino-n-butyric Acid</b>	MCR Reference Value <2	<b>Valine</b>	MCR Reference Value 136–309
1 nmol/mL		136 nmol/mL	
<b>Beta-aminoisobutyric Acid</b>	MCR Reference Value <5	<b>Tyrosine</b>	MCR Reference Value 31–90
2 nmol/mL		44 nmol/mL	
<b>Alpha-amino-n-butyric Acid</b>	MCR Reference Value 9–37	<b>Isoleucine</b>	MCR Reference Value 36–107
26 nmol/mL		52 nmol/mL	
<b>Hydroxylysine</b>	MCR Reference Value <2	<b>Leucine</b>	MCR Reference Value 68–183
1 nmol/mL		96 nmol/mL	
<b>Proline</b>	MCR Reference Value 97–368	<b>Phenylalanine</b>	MCR Reference Value 35–80
265 nmol/mL		45 nmol/mL	

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**Tryptophan**
**65 nmol/mL**
**MCR**
**Reference Value**  
29-77

**Interpretation (AAQP)**
**1 MCR**

In this sample, the amino acid profile was normal.

**ADDITIONAL INFORMATION**

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

**Received:** 09 May 2022 12:09

**Reported:** 09 May 2022 15:43

**Allo-isoleucine**
**1 nmol/mL**
**MCR**
**Reference Value**  
<5

**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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