















Patient ID SA00049228	Patient Name SAMPLEREPORT, AACSF AB	Birth Date 1966-06-10	Gender F	Age 46
Order Number SA00049228	Client Order Number SA00049228	Ordering Physician Client, Client	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 23 Sep 2012 13:00		

Amino Acids, QN, CSF

Phosphoserine  1 nmol/mL High	MCR Reference Value <1	Aspartic Acid  2 nmol/mL High	MCR Reference Value <2
Phosphoethanolamine  7 nmol/mL High	MCR Reference Value <7	Ethanolamine  6 nmol/mL Low	MCR Reference Value 7-153
Taurine  20 nmol/mL High	MCR Reference Value <20	Histidine  8 nmol/mL Low	MCR Reference Value 9-28
Asparagine  4 nmol/mL Low	MCR Reference Value 5-20	Threonine  22 nmol/mL Low	MCR Reference Value 23-57
Serine  18 nmol/mL Low	MCR Reference Value 19-40	Citrulline  9 nmol/mL High	MCR Reference Value <9
Hydroxyproline  2 nmol/mL High	MCR Reference Value <2	Sarcosine  1 nmol/mL High	MCR Reference Value <1
Glycine  35 nmol/mL High	MCR Reference Value <35	Beta-alanine  25 nmol/mL High	MCR Reference Value <25
Glutamine  379 nmol/mL Low	MCR Reference Value 380-1348	Alanine  18 nmol/mL Low	MCR Reference Value 19-60

Performing Site Legend

Code	Laboratory	Address
MCR	Mayo Clinic Dept. of Lab Med and Pathology	200 First Street SW, Rochester, MN 55905



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Glutamic Acid

4 nmol/mL
High

MCR

Reference Value
<4

Alpha-aminoadipic Acid

1 nmol/mL
High

MCR

Reference Value
<1

1-Methylhistidine

3 nmol/mL
High

MCR

Reference Value
<3

Gamma-amino-n-butyric Acid

1 nmol/mL
High

MCR

Reference Value
<1

3-Methylhistidine

2 nmol/mL
High

MCR

Reference Value
<2

Beta-aminoisobutyric Acid

1 nmol/mL
High

MCR

Reference Value
<1

Argininosuccinic Acid

1 nmol/mL
High

MCR

Reference Value
<1

Alpha-amino-n-butyric Acid

14 nmol/mL
Low

MCR

Reference Value
<14

Carnosine

1 nmol/mL
High

MCR

Reference Value
<1

Hydroxylysine

1 nmol/mL
High

MCR

Reference Value
<1

Anserine

3 nmol/mL
High

MCR

Reference Value
<3

Proline

6 nmol/mL
High

MCR

Reference Value
<6

Homocitrulline

1 nmol/mL
High

MCR

Reference Value
<1

Ornithine

11 nmol/mL
High

MCR

Reference Value
<11

Arginine

10 nmol/mL
Low

MCR

Reference Value
11-32

Cystathionine

1 nmol/mL
High

MCR

Reference Value
<1

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Cystine



1 nmol/mL

MCR

Reference Value
<1

Leucine



6 nmol/mL

MCR

Reference Value
7-29

Lysine



12 nmol/mL

MCR

Reference Value
13-42

Phenylalanine



6 nmol/mL

MCR

Reference Value
7-21

Methionine



10 nmol/mL

MCR

Reference Value
<10

Tryptophan



4 nmol/mL

MCR

Reference Value
<4

Valine



10 nmol/mL

MCR

Reference Value
11-40

Allo-isoleucine



2 nmol/mL

MCR

Reference Value
<2

Tyrosine



4 nmol/mL

MCR

Reference Value
5-17

Interpretation

Follow up of a known patient.

MCR

ADDITIONAL INFORMATION

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

Isoleucine



17 nmol/mL

MCR

Reference Value
<17

Received: 26 Sep 2012 10:39

Reported: 26 Sep 2012 11:28

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Code	Laboratory	Address
MCR	Mayo Clinic Dept. of Lab Med and Pathology	200 First Street SW, Rochester, MN 55905