

Client: Example Client ABC123
 123 Test Drive
 Salt Lake City, UT 84108
 UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: 2/16/2010
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Amino Acids Quantitative by LC-MS/MS, Plasma

ARUP test code 2009389

Amino Acids, Plasma Interpretation Normal
 REFERENCE INTERVAL: Amino Acids, Plasma Interpretation
 Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

Alpha-amino butyric acid, Plasma	12 umol/L	(Ref Interval: <=40)
Alanine, Plasma	397 umol/L	(Ref Interval: 160-530)
Allo-isoleucine, Plasma	<2 umol/L	(Ref Interval: <=5)
Alpha-aminoadipic acid, Plasma	<2 umol/L	(Ref Interval: <=4)
Anserine, Plasma	<5 umol/L	(Ref Interval: <=5)
Arginine, Plasma	105 umol/L	(Ref Interval: 35-125)
Argininosuccinic Acid, Plasma	<2 umol/L	(Ref Interval: <=2)
Asparagine, Plasma	44 umol/L	(Ref Interval: 20-80)
Aspartic Acid, Plasma	<5 umol/L	(Ref Interval: <=15)
Beta-amino isobutyric acid, Plasma	<5 umol/L	(Ref Interval: <=10)

H=High, L=Low, *=Abnormal, C=Critical

Beta-alanine, Plasma	<25 umol/L	(Ref Interval: <=25)
Citrulline, Plasma	25 umol/L	(Ref Interval: 10-45)
Cystathionine, Plasma	<5 umol/L	(Ref Interval: <=5)
Cystine, Plasma	37 umol/L	(Ref Interval: 10-65)
Ethanolamine, Plasma	8 umol/L	(Ref Interval: <=15)
Gamma-amino butyric acid, Plasma	<5 umol/L	(Ref Interval: <=5)
Glutamic Acid, Plasma	27 umol/L	(Ref Interval: 15-130)
Glutamine, Plasma	552 umol/L	(Ref Interval: 380-680)
Glycine, Plasma	248 umol/L	(Ref Interval: 140-420)
Histidine, Plasma	94 umol/L	(Ref Interval: 50-130)
Homocitrulline, Plasma	<5 umol/L	(Ref Interval: <=5)
Homocystine, Plasma	<2 umol/L	(Ref Interval: <=2)
Hydroxylysine, Plasma	<5 umol/L	(Ref Interval: <=5)
Hydroxyproline, Plasma	27 umol/L	(Ref Interval: 5-40)
Isoleucine, Plasma	91 umol/L	(Ref Interval: 30-120)
Leucine, Plasma	141 umol/L	(Ref Interval: 60-180)

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Lysine, Plasma	178 umol/L	(Ref Interval: 85-230)
Methionine, Plasma	28 umol/L	(Ref Interval: 15-40)
Ornithine, Plasma	81 umol/L	(Ref Interval: 25-110)
Phenylalanine, Plasma	66 umol/L	(Ref Interval: 30-82)
Proline, Plasma	266 umol/L	(Ref Interval: 90-350)
Sarcosine, Plasma	<5 umol/L	(Ref Interval: <=5)
Serine, Plasma	93 umol/L	(Ref Interval: 60-170)
Taurine, Plasma	46 umol/L	(Ref Interval: 30-130)
Threonine, Plasma	117 umol/L	(Ref Interval: 60-190)
Tryptophan, Plasma	55 umol/L	(Ref Interval: 25-80)
Tyrosine, Plasma	96 umol/L	(Ref Interval: 35-110)
Valine, Plasma	241 umol/L	(Ref Interval: 120-320)

H=High, L=Low, *=Abnormal, C=Critical

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Amino Acids, Plasma Interpretation	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Alpha-amino butyric acid, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Alanine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Allo-isoleucine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Alpha-aminoadipic acid, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Anserine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Arginine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Argininosuccinic Acid, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Asparagine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Aspartic Acid, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Beta-amino isobutyric acid, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Beta-alanine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Citrulline, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Cystathionine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Cystine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Ethanolamine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Gamma-amino butyric acid, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Glutamic Acid, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Glutamine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Glycine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Histidine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Homocitrulline, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Homocystine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hydroxylysine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hydroxyproline, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Isoleucine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Leucine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Lysine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Methionine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Ornithine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Phenylalanine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Proline, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Sarcosine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Serine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Taurine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Threonine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Tryptophan, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Tyrosine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Valine, Plasma	19-329-401099	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

H=High, L=Low, *=Abnormal, C=Critical

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical
