

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 5/4/2020
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Amino Acids Quantitative by LC-MS/MS, Urine

ARUP test code 2009419

Creatinine, Urine 29 mg/dL

Amino Acids, Urine Interpretation Normal

Normal urine amino acids profile. If a metabolic disorder is a clinical concern, would evaluate plasma amino acids.

REFERENCE INTERVAL: Amino Acids, Urine Interpretation

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

Alpha-amino butyric acid, Urine 50 umol/g CRT (Ref Interval: <=70)

Alpha-aminoadipic acid, Urine 128 umol/g CRT (Ref Interval: <=470)

Alanine, Urine 762 umol/g CRT (Ref Interval: 170-1750)

Anserine, Urine 130 umol/g CRT (Ref Interval: <=720)

Arginine, Urine 100 umol/g CRT (Ref Interval: <=390)

Argininosuccinic Acid, Urine 34 umol/g CRT (Ref Interval: <=80)

Asparagine, Urine 256 umol/g CRT (Ref Interval: 80-675)

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

Unless otherwise indicated, testing performed at:

Aspartic Acid, Urine	<25 umol/g CRT	(Ref Interval: <=65)
Beta-amino isobutyric acid, Urine	157 umol/g CRT	(Ref Interval: <=5500)
Beta-alanine Urine	<125 umol/g CRT	(Ref Interval: <=125)
Citrulline, Urine	9 umol/g CRT	(Ref Interval: <=40)
Cystathionine, Urine	<25 umol/g CRT	(Ref Interval: <=75)
Cystine, Urine	68 umol/g CRT	(Ref Interval: <=150)
Ethanolamine, Urine	749 umol/g CRT	(Ref Interval: 270-1160)
Gamma-amino butyric acid, Urine	<25 umol/g CRT	(Ref Interval: <=25)
Glutamic Acid, Urine	28 umol/g CRT	(Ref Interval: <=190)
Glutamine, Urine	1154 umol/g CRT	(Ref Interval: 340-2225)
Glycine, Urine	2726 umol/g CRT	(Ref Interval: 775-6600)
Histidine, Urine	1745 umol/g CRT	(Ref Interval: 340-4420)
Homocitrulline, Urine	39 umol/g CRT	(Ref Interval: <=150)
Hydroxylysine, Urine	<25 umol/g CRT	(Ref Interval: <=85)
Hydroxyproline, Urine	27 umol/g CRT	(Ref Interval: <=100)
Isoleucine, Urine	46 umol/g CRT	(Ref Interval: <=100)

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ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 23-024-148718
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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Leucine, Urine	87 umol/g CRT	(Ref Interval: 20-190)
Lysine, Urine	408 umol/g CRT	(Ref Interval: 45-930)
Methionine, Urine	16 umol/g CRT	(Ref Interval: <=50)
Ornithine, Urine	34 umol/g CRT	(Ref Interval: <=70)
Phenylalanine, Urine	117 umol/g CRT	(Ref Interval: 50-350)
Proline, Urine	44 umol/g CRT	(Ref Interval: <=170)
Sarcosine, Urine	<25 umol/g CRT	(Ref Interval: <=25)
Serine, Urine	1081 umol/g CRT	(Ref Interval: 390-1890)
Taurine, Urine	3016 umol/g CRT	(Ref Interval: <=9000)
Threonine, Urine	603 umol/g CRT	(Ref Interval: 85-910)
Tryptophan, Urine	105 umol/g CRT	(Ref Interval: 45-325)
Tyrosine, Urine	266 umol/g CRT	(Ref Interval: 65-560)
Valine, Urine	111 umol/g CRT	(Ref Interval: 40-280)

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VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Creatinine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Amino Acids, Urine Interpretation	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Alpha-amino butyric acid, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Alpha-aminoadipic acid, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Alanine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Anserine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Arginine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Argininosuccinic Acid, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Asparagine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Aspartic Acid, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Beta-amino isobutyric acid, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Beta-alanine Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Citrulline, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Cystathionine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Cystine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Ethanolamine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Gamma-amino butyric acid, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Glutamic Acid, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Glutamine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Glycine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Histidine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Homocitrulline, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hydroxylysine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hydroxyproline, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Isoleucine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Leucine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Lysine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Methionine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Ornithine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Phenylalanine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Proline, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Sarcosine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Serine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Taurine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Threonine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Tryptophan, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Tyrosine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Valine, Urine	23-024-148718	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

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END OF CHART

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