

Amino Acids, Qual Components and Reference Range

Taurine	
nmol/mL	
0 up to 1 month	46-492
1 month up to 2 years	15-143
2 years up to 18 years	10-170
18 years and up	54-210
Aspartic Acid	
nmol/mL	
0 up to 1 month	20-129
1 month up to 2 years	0-23
2 years up to 18 years	1-24
18 years and up	1-25
Threonine	
nmol/mL	
0 up to 1 month	90-329
1 month up to 2 years	24-174
2 years up to 18 years	35-226
18 years and up	60-225
Serine	
nmol/mL	
0 up to 1 month	99-395
1 month up to 2 years	71-186
2 years up to 18 years	69-187
18 years and up	58-181
Glutamic Acid	
nmol/mL	
0 up to 1 month	62-620
1 month up to 2 years	10-133
2 years up to 18 years	5-150
18 years and up	10-131
Glutamine	
nmol/mL	
0 up to 2 years	376-709
2 years up to 17 years	254-823
17 years and up	205-756
Alpha Amino adipic Acid	
nmol/mL	
Unspecified	0-8
Glycine	
nmol/mL	
0 up to 1 month	232-540
1 month up to 2 years	81-436
2 years up to 18 years	127-341
18 years and up	151-390
Alanine	
nmol/mL	
0 up to 1 month	131-710
1 month up to 2 years	143-439
2 years up to 18 years	152-547
18 years and up	177-583
Citrulline	
nmol/mL	
0 up to 1 month	10-45
1 month up to 2 years	3-35
2 years up to 18 years	1-46
18 years and up	12-55
Alpha Aminobutyric Acid	
nmol/mL	
0 up to 1 month	8-24
1 month up to 2 years	3-26
2 years up to 18 years	4-31
18 years and up	5-41
Valine	
nmol/mL	
0 up to 1 month	86-190
1 month up to 2 years	64-294
2 years up to 18 years	74-321
18 years and up	119-336

Cystine	
nmol/mL	
0 up to 1 month	17-98
1 month up to 2 years	16-84
2 years up to 18 years	5-45
18 years and up	5-82
Methionine	
nmol/mL	
0 up to 1 month	10-60
1 month up to 2 years	9-42
2 years up to 18 years	7-47
18 years and up	10-42
Cystathionine	
nmol/mL	
0 up to 1 month	0-3
1 month up to 2 years	0-5
2 years and up	0-3
Isoleucine	
nmol/mL	
0 up to 1 month	26-91
1 month up to 2 years	31-86
2 years up to 18 years	22-107
18 years and up	30-108
Leucine	
nmol/mL	
0 up to 1 month	48-160
1 month up to 2 years	47-155
2 years up to 18 years	49-216
18 years and up	72-201
Tyrosine	
nmol/mL	
0 up to 1 month	55-147
1 month up to 2 years	22-108
2 years up to 18 years	24-115
18 years and up	34-112
Beta Alanine	
nmol/mL	
0 up to 1 month	0-10
1 month up to 18 years	0-7
18 and up	0-12
Phenylalanine	
nmol/mL	
0 up to 1 month	38-137
1 month up to 2 years	31-75
2 years up to 18 years	26-91
18 years and up	38-85
Homocystine	
nmol/mL	
Unspecified	<=2
Ornithine	
nmol/mL	
0 up to 1 month	48-211
1 month up to 2 years	22-103
2 years up to 18 years	10-163
18 years and up	48-195
Lysine	
nmol/mL	
0 up to 1 month	92-325
1 month up to 2 years	52-196
2 years up to 18 years	48-284
18 years and up	100-250
1-Methylhistidine	
nmol/mL	
0 up to 1 month	0-43
1 month up to 2 years	0-44
2 years up to 18 years	0-42
18 years and up	0-125

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Histidine	
nmol/mL	
0 up to 1 month	30-138
1 month up to 2 years	41-101
2 years up to 18 years	41-125
18 years and up	72-124
Tryptophan	
nmol/mL	
0 up to 1 month	15-72
1 month up to 2 years	27-92
2 years up to 18 years	5-75
18 years and up	30-95
Arginine	
nmol/mL	
0 up to 1 month	6-140
1 month up to 2 years	12-133
2 years up to 18 years	10-140
18 years and up	15-128
Hydroxyproline	
nmol/mL	
0 up to 1 month	0-91
1 month up to 2 years	0-63
2 years up to 18 years	3-45
18 years and up	0-53
Proline	
nmol/mL	
0 up to 1 month	110-417
1 month up to 2 years	52-298
2 years up to 18 years	59-369
18 years and up	97-329
Argininosuccinic Acid	
nmol/mL	
Unspecified	<=0
Alloisoleucine	
nmol/mL	
Unspecified	<2
Cysteine Homocysteine Disulfide	
nmol/mL	
Unspecified	<=2
Pro/Leu	
Unspecified	<3.00
Pro/Lys	
Unspecified	<3.00
Ala/Pro	
Unspecified	<2.20
Ala/Leu	
Unspecified	<4.00
Ala/Lys	
Unspecified	<3.50
Amino Acid Result	
Unspecified	Normal