

Plasma amino acid reference ranges in $\mu\text{mol/L}$

Age	<7d	7d-6m	6m-2yr	2-10yr	10-17yr	adult
TAURINE	20-269	25-192	21-138	26-157	20-106	21-144
ASPARTATE	6-49	6-28	6-22	6-23	6-12	6-23
THREONINE	55-295	55-354	36-264	43-200	56-186	45-199
SERINE	66-228	73-255	55-221	63-205	73-185	60-171
ASPARAGINE	22-92	19-90	17-97	22-97	25-87	28-87
GLUTAMATE	13-178	21-208	12-130	10-91	7-95	11-142
GLUTAMINE	312-964	304-897	296-713	323-695	331-727	318-823
PROLINE	84-428	82-346	57-373	59-316	68-299	61-332
GLYCINE	150-502	105-397	88-361	102-409	128-356	103-405
ALANINE	138-625	144-651	101-565	123-573	143-590	155-564
CITRULLINE	7-32	9-48	7-48	10-51	11-53	11-53
VALINE	60-227	76-279	86-371	105-363	117-315	91-303
METHIONINE	10-51	14-63	9-48	11-45	12-38	11-44
CYSTINE	14-62	12-70	12-54	13-56	20-66	25-89
ISOLEUCINE	6-72	15-106	23-142	23-130	32-105	24-108
LEUCINE	29-150	44-188	43-233	51-220	63-172	43-174
TYROSINE	34-141	26-165	25-134	30-124	29-103	32-98
PHENYLALANINE	31-88	27-99	32-110	33-98	33-95	39-95
ORNITHINE	19-159	23-202	16-114	18-112	25-108	30-142
LYSINE	80-275	73-328	54-275	75-249	86-244	93-256
HISTIDINE	39-104	35-108	38-107	44-105	40-98	37-97
ARGININE	10-109	25-137	22-121	23-144	31-140	30-143