

Reference Interval:

Effective November 18, 2019

Components	Reference Interval	Components	Reference Interval
Alpha-Aminoadipic acid	Less than or equal to 2.0 µmol/L	Histidine	7.0 - 24.0 µmol/L
Alpha-Amino-n-butyric acid	Less than or equal to 8.0 µmol/L	Homocitrulline	Less than or equal to 5.0 µmol/L
Alanine	16.0 – 46.0 µmol/L	Homocystine	Less than or equal to 2.0 µmol/L
Alloisoleucine	Less than or equal to 2.0 µmol/L	Hydroxylysine	Less than or equal to 5.0 µmol/L
Anserine	Less than or equal to 7.0 µmol/L	Hydroxyproline	Less than or equal to 4.0 µmol/L
Arginine	8.0 – 31.0 µmol/L	Isoleucine	Less than or equal to 12.0 µmol/L
Argininosuccinic acid	Less than or equal to 2.0 µmol/L	Leucine	5.0 - 22.0 µmol/L
Asparagine	4.0 – 13.0 µmol/L	Lysine	10.0 – 36.0 µmol/L
Aspartic acid	Less than or equal to 5.0 µmol/L	Methionine	2.0 – 7.0 µmol/L
Beta-Alanine	Less than or equal to 25.0 µmol/L	Ornithine	Less than or equal to 10.0 µmol/L
Beta-Aminoisobutyric acid	Less than or equal to 5.0 µmol/L	Phenylalanine	6.0 - 20.0 µmol/L
Citrulline	Less than or equal to 5.0 µmol/L	Proline	Less than or equal to 5.0 µmol/L
Cystathionine	Less than or equal to 5.0 µmol/L	Sarcosine	Less than or equal to 5.0 µmol/L
Cystine	Less than or equal to 5.0 µmol/L	Serine	18.0 - 66.0 µmol/L
Ethanolamine	Less than or equal to 40.0 µmol/L	Taurine	Less than or equal to 13.0 µmol/L
Gamma-Amino-n-butyric acid	Less than or equal to 5.0 µmol/L	Threonine	14.0 - 59.0 µmol/L
Glutamic acid	Less than or equal to 5.0 µmol/L	Tryptophan	Less than or equal to 5.0 µmol/L
Glutamine	330.0 – 630.0 µmol/L	Tyrosine	5.0 - 23.0 µmol/L
Glycine	5.0 - 20.0 µmol/L	Valine	8.0 – 30.0 µmol/L