

Amino Acid Panel

Compound	Full Calibration Range (6.25-1000)		Human serum/Plasma	
	LOD nm/ml*	LOQ nm/ml**	LOD nm/ml*	LOQ nm/ml**
Taurine	6.25	25	6.25	125
Phosphoserine	6.25	6.25	6.25	12.5
Phosphoethanolamine	6.25	125	6.25	25
Urea	6.25	125	6.25	125
Asparagine	6.25	125	6.25	125
Glycine	6.25	12.5	6.25	125
Serine	6.25	12.5	6.25	25
Aspartic Acid	6.25	12.5	6.25	12.5
Hydroxyproline	6.25	125	6.25	12.5
Glutamine	6.25	12.5	6.25	125
Ethanolamine	6.25	125	6.25	25
β-Alanine	6.25	125	6.25	6.25
Sarcosine	6.25	6.25	6.25	12.5
Glutamic acid	6.25	25	6.25	25
Threonine	6.25	125	6.25	125
Alanine	6.25	12.5	6.25	12.5
Cysteine	6.25	25	6.25	25
γ-aminobutyric acid	6.25	25	6.25	25
Citrulline	6.25	6.25	6.25	12.5
L-aminoadipic acid	6.25	25	6.25	12.5
Creatinine	6.25	6.25	6.25	6.25
L-cystine	6.25	125	6.25	6.25
β-aminoisobutyric acid	6.25	6.25	6.25	6.25
Proline	6.25	12.5	6.25	12.5
α-amino-n-butyric acid	6.25	12.5	6.25	6.25
Hydroxylysine	6.25	125	6.25	6.25
Ornithine	6.25	125	6.25	6.25
Cystathionine	6.25	125	6.25	6.25
3-methylhistidine	6.25	125	6.25	6.25
Histidine	6.25	6.25	6.25	6.25
lysine	6.25	6.25	6.25	6.25
Valine	6.25	6.25	6.25	6.25
Tyrosine	6.25	25	6.25	6.25
Methionine	6.25	6.25	6.25	6.25
1-methylhistidine	6.25	25	6.25	12.5
Carnosine	6.25	125	6.25	6.25
Arginine	6.25	125	6.25	25
Anserine	6.25	125	6.25	6.25
Homocystine	6.25	125	6.25	6.25
Isoleucine	6.25	6.25	6.25	6.25
Leucine	6.25	25	6.25	6.25
Phenylalanine	6.25	12.5	6.25	12.5
Tryptophan	6.25	12.5	6.25	25

*LOD=Lowest concentration with $s/n \leq 5:1$

**LOQ= Lowest concentration with 80-120% accuracy <20%RSD precision