



## Amino Acids Quant by LC-MS/MS, Plasma

Order Name: **Amino Acid Quant**  
Test Number: 5613545  
Revision Date: 09/11/2017

TEST NAME	METHODOLOGY	LOINC CODE
Amino Acids Quant by LC-MS/MS, Plasma	Quantitative Liquid Chromatography/Tandem Mass Spectrometry	

SPECIMEN REQUIREMENTS				
Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	<b>0.5 mL (0.15 mL)</b>	<b>Plasma</b>	<b>Sodium Heparin (Green Top / No-Gel)</b>	<b>Frozen</b>
Alternate 1	<b>0.5 mL (0.15 mL)</b>	<b>Plasma</b>	<b>Lithium Heparin PST (Light Green Top)</b>	<b>Frozen</b>
Instructions	<p><b>Notes:</b> 0.15 mL (Note: This volume Does not allow for repeat testing.)</p> <p><b>Specimen Type:</b> PREFERRED: Frozen plasma from green-top (sodium heparin) tube. ACCEPTABLE: Frozen plasma from green-top (lithium heparin) tube, frozen plasma from lavender-top (EDTA) tube or frozen plasma from PPT(TM). Frozen serum from serum separator tube (SST) or frozen serum from red-top tube will not be rejected. NOTE: Plasma reference ranges will be applied to all specimen types.</p> <p><b>Specimen Storage:</b> Centrifuge, remove plasma from cells, and FREEZE immediately.</p> <p><b>Specimen Collection:</b> Separate plasma from cells. Transfer specimen to plastic transport tube before freezing. To avoid delays in turnaround time when requesting multiple tests on frozen samples, PLEASE SUBMIT SEPARATE FROZEN SPECIMENS FOR EACH TEST REQUESTED.</p> <p><b>Specimen Stability:</b> Ambient: Unstable, Refrigerated : Unstable, Frozen: 14 days</p>			

GENERAL INFORMATION	
Expected TAT	3-6 days
Clinical Use	Alanine, Allo-isoleucine, Alpha-amino butyric acid, Alpha-amino adipic acid, Anserine, Arginine, Argininosuccinic Acid, Asparagine, Aspartic Acid, Beta-alanine, Beta-amino isobutyric acid, Citrulline, Cystathione, Cystine, Ethanolamine, Gamma-amino butyric acid, Glutamic Acid, Glutamine, Glycine, Histidine, Homocitrulline, Homocystine, Hydroxylysine, Hydroxyproline, Isoleucine, Leucine, Lysine, Methionine, Ornithine, Phenylalanine, Proline, Sarcosine, Serine, Taurine, Threonine, Tryptophan, Tyrosine, Valine,
Notes	Labcorp Test Code: 700068
CPT Code(s)	82139
Service Provided By	 <b>labcorp</b> Oklahoma, Inc.