

# Amino Acid Targeted Assay

Delivering absolute quantitation of a wide-coverage of **94 amino acid compounds** (including 8 essential amino-acid) from wide varieties of species and tissue types.



**Absolute Quantitation**  
94 standard curves,  $r > 0.99$ ,  
isotope internal standards



**High Sensitivity**  
Detection at **ng/mL** level



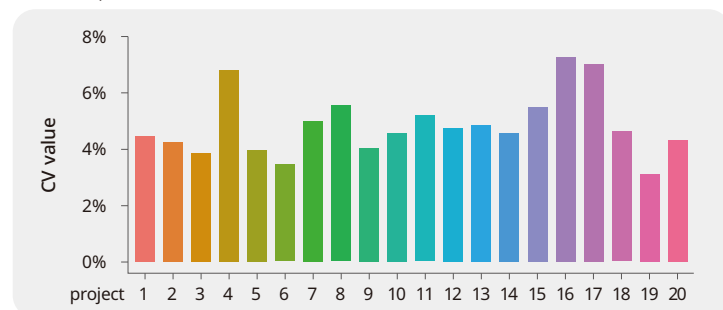
**Broad Coverage**  
Up to **94** amino acid compounds

## 94 Amino Acid Compounds

2-Aminoethanesulfonic Acid	L-Proline	N6-Acetyl-L-Lysine	Homo-L-arginine
L-Cystine	L-Serine	Phosphorylethanolamine	L-Tryptophyl-L-glutamic acid
1,3-Dimethyluric Acid	L-Tryptophan	Anserine	Nicotinic Acid
N-Propionylglycine	L-Phenylalanine	Trans-4-Hydroxy-L-Proline	N-Acetylneuraminic Acid
N-Isovaleroylglycine	Sarcosine	D-Homocysteine	N,N-Dimethylglycine
Succinic Acid	L-Pipecolic Acid	$\alpha$ -Aminoadipic acid	4-Acetamidobutyric Acid
5-Hydroxy-tryptophan	L-Theanine	L-Ornithine	L-Carnosine
3,7-Dimethyluric Acid	Ethanolamine	L-tyrosine methyl ester	3-Chloro-L-Tyrosine
Glycine	3-N-Methyl-L-Histidine	$\gamma$ -Glutamate-Cysteine	S-(5-Adenosyl)-L-Homocysteine
L-Alanine	Homoserine	Na-Acetyl-L-glutamine	N'-Formylkynurenine
L-Valine	Creatine	N-Acetyl-L-Tyrosine	...
L-Leucine	Kinurenine	$\gamma$ -Aminobutyric Acid	
L-Methionine	L-Cystathionine	D-Alanyl-D-Alanine	<b>Contact for a full list.</b>

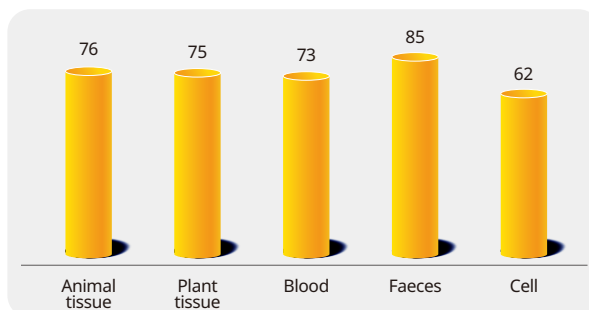
## High Stability

Highly stable detection for amino acid analysis. Coefficient of variation (CV) of detected metabolites are less than 8% in mixed QC samples.



## Project Experience

Average detected metabolites in different tissue and sample types.



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