

Accession #:
Order #:
Reference #:
Patient:
Date of Birth:
Age:
Sex:
Reprinted:
Comment:

Date Collected:
Date Received:
Date of Report:

Telephone:
Fax:



0113 Bloodspot Amino Acids 20 Profile

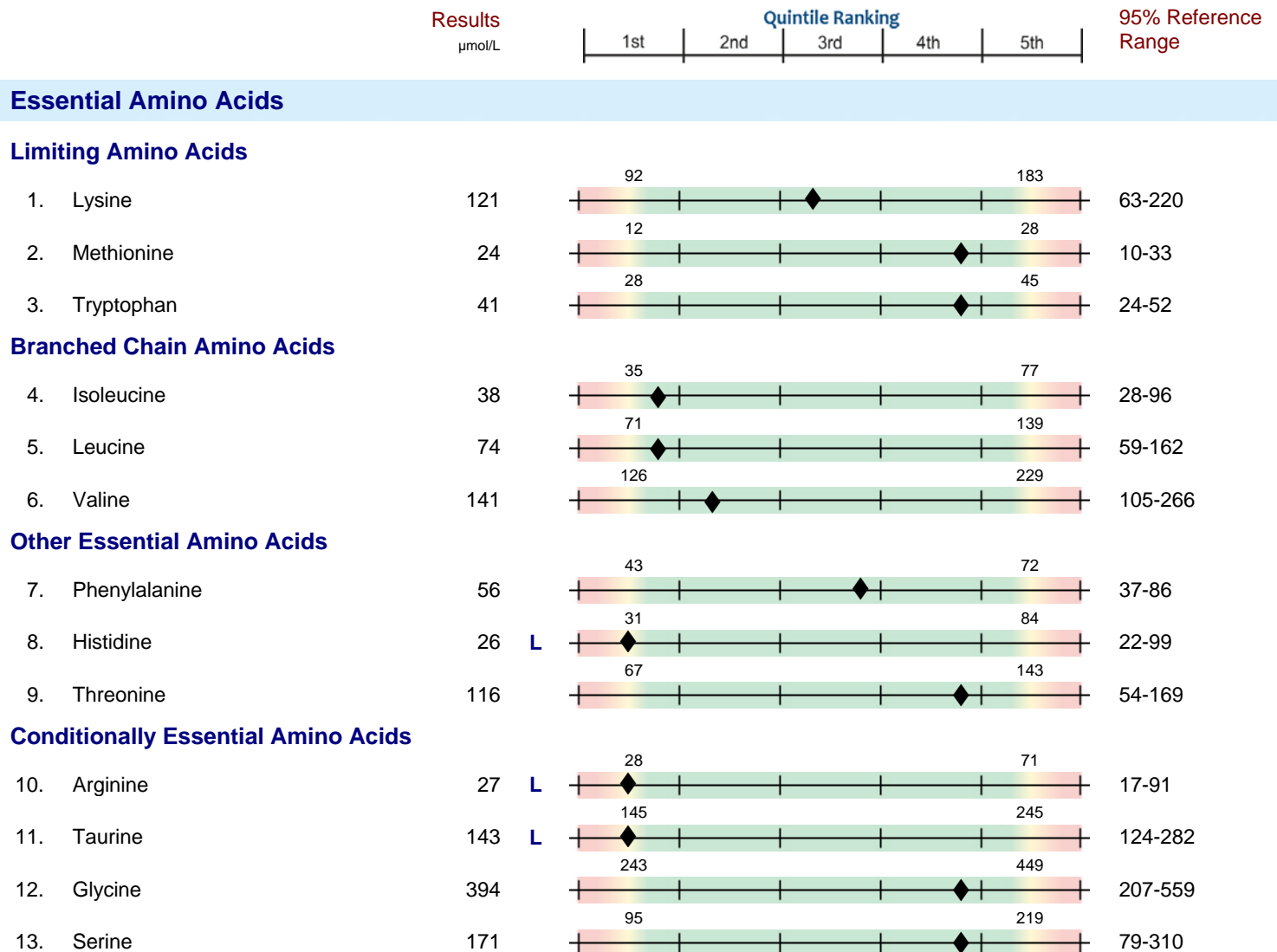
Methodology: High Pressure Liquid Chromatography

**AMINO
ACIDS**

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Ranges are for ages 13 and over





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Ranges are for ages 13 and over

		Results μmol/L	Quintile Ranking					95% Reference Range
			1st	2nd	3rd	4th	5th	
Vascular Function								
14.	Arginine	27 L	28				71	17-91
15.	Taurine	143 L	145				245	124-282
Neurotransmitters and Precursors								
16.	Phenylalanine	56	43				72	37-86
17.	Tyrosine	48	44				85	36-99
18.	Tryptophan	41	28				45	24-52
19.	Glutamic Acid	111 L	112				207	97-258
20.	Taurine	143 L	145				245	124-282
Sulfur Amino Acids (Glutathione - related)								
21.	Methionine	24	12				28	10-33
22.	Taurine	143 L	145				245	124-282
Urea Cycle and Ammonia Detoxification								
23.	Arginine	27 L	28				71	17-91
24.	Citrulline	30	19				41	16-51
25.	Ornithine	78	68				158	50-210
26.	Glutamine	379	307				520	209-573
27.	Asparagine	52	49				77	42-88
28.	Aspartic Acid	107	44				180	26-233
Ratios								
29.	Phenylalanine/Tyrosine	1.17						<= 1.19
30.	Glutamic Acid/Glutamine	0.29	0.26				0.51	0.22-0.88
31.	Tryptophan/LNAA*	0.122 H	0.061				0.093	0.050-0.105

*Large neutral amino acids (Leu+Ile+Val+Phe+Tyr)