



ص.ب: ٣٠٦٨، دبي - الإمارات العربية المتحدة
هاتف: ٣٩٦ ٢٢٢٧ - ٤ فاكس: ٣٩٦ ٢٢٢٨ - ٤

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مختبر فرايبورغ الطبي
FREIBURG MEDICAL LABORATORY MIDDLE EAST (L.L.C.)
رأس المال ٦٠٠.٠٠٠ درهم مدفوع بالكامل - سجل تجاري ٥٩٢٥١
Capital: AED 600,000 Fully Paid - Commercial Regs: 59251

Ref Doctor :

Amino Acids Screening

Report Date : April 5, 2016

Patient Name :

Patient ID No. :

Date of Birth:

Test Request Code :

Nationality :

Gender: Male

Sampling Date/Time : 22.03.2016/?

Sample ID:

Entry Date/Time : 22.03.2016/20:05

Material : EDTA-plasma

Your ID:

Test Analysis	Method	Result	Flag	Units	Reference Range
Amino Acids*					
Alanine	HPLC	402.0		umol/l	130.0 - 547.0
Beta - alanine	HPLC	<1.00		umol/l	< 7.0
Alpha- Amino adipic acid	HPLC	6.85	High	umol/l	< 6
Alpha- Aminobutyric acid	HPLC	29.5		umol/l	4.0 - 36.0
Beta- Aminobutyric acid	HPLC	< 1.00		umol/l	< 10.0
Gamma Aminobutyric acid	HPLC	< 1.00		umol/l	< 50
Arginine	HPLC	145	High	umol/l	10.0 - 140.0
Asparagine	HPLC	61.1		umol/l	30.0 - 112.0
Aspartic acid	HPLC	4.17		umol/l	< 20.0
Carnosine	HPLC	<1.00		umol/l	< 10.0
Citrulline	HPLC	26.5		umol/l	1.0 - 46.0
Cystathionine	HPLC	<1.00		umol/l	< 3.0
Cystine	HPLC	<1.00		umol/l	5.0 - 77.0
Glutamine	HPLC	602		umol/l	254.0 - 823.0
Glutamic acid	HPLC	45.7		umol/l	10.0 - 150.0
Glycine	HPLC	189		umol/l	110.0 - 343.0
Histidine	HPLC	92.4		umol/l	41.0 - 125.0
Homocystine	HPLC	< 1.00		umol/l	< 5.0
Hydroxyproline	HPLC	20.1		umol/l	< 45.0
Isoleucine	HPLC	130	High	umol/l	22.0 - 107.0
Allo-Isoleucine	HPLC	< 1.00		umol/l	< 5.00
Leucine	HPLC	222	High	umol/l	49.0 - 216.0
Lysine	HPLC	292	High	umol/l	50.0 - 284.0
Methionine	HPLC	35.6		umol/l	15.0 - 45.0
1-Methylhistidine	HPLC	7.79		umol/l	< 42.0

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الشرق الأوسط (ذ.م.م.)
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Test Analysis	Method	Result	Flag	Units	Reference Range
Amino Acids* in plasma continuation . . .					
3-Methylhistidine	HPLC	4.03		umol/l	< 5.0
Ornithine	HPLC	88.7		umol/l	20.0 - 155.0
Phenylalanine	HPLC	75.2		umol/l	26.0 - 91.0
Phosphoethanolamine	HPLC	< 1.00		umol/l	< 69.0
Phosphoserine	HPLC	5.38		umol/l	1.0 - 30.0
Proline	HPLC	205		umol/l	60.0 - 340.0
Serine	HPLC	137		umol/l	70.0 - 194.0
Taurine	HPLC	34.4		umol/l	20.0 - 170.0
Threonine	HPLC	137		umol/l	35.0 - 226.0
Tryptophan	HPLC	46.1		umol/l	12.0 - 79.0
Tyrosine	HPLC	81.3		umol/l	25.0 - 115.0
Valine	HPLC	369	High	umol/l	80.0 - 321.0

* This investigation was performed in a collaborating accredited laboratory (Germany).

Interpretation:

Slight elevation of few amino acids, most likely due to postprandial blood collection. For confirmation we recommend testing a fresh sample (EDTA-plasma) collected at least 4 hours after the last meal.

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