

## SP10 Neuro Nutrient Panel

PATIENT INFORMATION		TEST INFORMATION	
Name: Jane Doe		Request No. 2020000426	
Client Code:		Specimen Collected: Blood	
Gender: Female	Date of Birth: 07/08/1986	Date Collected: 11/13/2020	
Referring Clinic/Institution: CUS-100002		Date Received: 03/11/2021	
Referring Physician: John Doe		Date of Report: 07/19/2021	

### NUTRIENT TEST RESULTS

NUTRIENT MARKER	REF. RANGE	RESULT	DEFICIENT	NORMAL	EXCESS
Co-Q10-Ubiquinone in serum	475.00 - 3000.00 ug/L	ug/L	●		
Magnesium in Whole Blood	34.00 - 48.00 mg/L	mg/L	●		
Selenium in Whole Blood	110.00 - 400.00 ug/L	ug/L	●		
Vit B12-Cobalamin in serum	165.00 - 1600.00 ng/L	ng/L	●		
Lipid Peroxides in Plasma	≤ 310.00 umole/L	umole/L		●	
Total 25-Hydroxyvitamin D (25 (OH)D)	30.00 - 80.00 ug/L	ug/L	●		

### COMMENTS

BDL means below detection limit or not detected.  
THIS IS FOR SAMPLE USE ONLY.



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## RP05 Amino Acid Panel in Plasma

PATIENT INFORMATION		TEST INFORMATION	
Name: Jane Doe		Request No. 2020000426	
Client Code:		Specimen Collected: Blood	
Gender: Female	Date of Birth: 07/08/1986	Date Collected: 11/13/2020	
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### NUTRIENT TEST RESULTS

	REF. RANGE	RESULT	DEFICIENT	NORMAL	EXCESS
<b>Essential Amino Acids</b>					
Arginine in plasma	32.00 - 120.00 umol/L	umol/L	●		
Histidine in plasma	39.00 - 123.00 umol/L	umol/L	●		
Isoleucine in plasma	36.00 - 107.00 umol/L	umol/L	●		
Leucine in plasma	68.00 - 183.00 umol/L	umol/L	●		
Lysine in plasma	103.00 - 255.00 umol/L	umol/L	●		
Methionine in plasma	4.00 - 44.00 umol/L	umol/L	●		
Phenylalanine in plasma	35.00 - 80.00 umol/L	umol/L	●		
Taurine in Plasma	42.00 - 156.00 umol/L	umol/L	●		
Threonine in plasma	85.00 - 231.00 umol/L	umol/L	●		
Tryptophan in plasma	29.00 - 77.00 umol/L	umol/L	●		
Valine in plasma	136.00 - 309.00 umol/L	umol/L	●		
<b>Metabolic Amino Acids</b>					
Beta-Alanine in plasma	≤ 29.00 umol/L	umol/L		●	
Gamma-amino butyric acid	≤ 2.00 umol/L	umol/L		●	
Phosphoserine in plasma	≤ 18.00 umol/L	umol/L		●	
<b>Non-Essential Amino Acids</b>					
Alanine in plasma	200.00 - 579.00 umol/L	umol/L	●		
Asparagine in plasma	37.00 - 92.00 umol/L	umol/L	●		
Aspartic acid in plasma	≤ 7.00 umol/L	umol/L		●	

  
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## RP05 Amino Acid Panel in Plasma

Cystine in plasma	3.00 - 95.00 umol/L	umol/L	
Glutamic acid in plasma	13.00 - 113.00 umol/L	umol/L	●
Glutamine in plasma	371.00 - 957.00 umol/L	umol/L	
Glycine in plasma	126.00 - 490.00 umol/L	umol/L	●
Proline in plasma	97.00 - 368.00 umol/L	umol/L	
Serine in plasma	63.00 - 187.00 umol/L	umol/L	●
Tyrosine in plasma	31.00 - 90.00 umol/L	umol/L	

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## Essential Fatty Acids in RBC

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Client Code:		Specimen Collected: Blood	
Gender: Female	Date of Birth: 07/08/1986	Date Collected: 11/13/2020	
Referring Clinic/Institution: CUS-100002		Date Received: 03/11/2021	
Referring Physician: John Doe		Date of Report: 07/19/2021	

### TEST RESULTS

NUTRIENT MARKER	REF. INTERVAL	RESULT
<b>Omega - 3</b>	<b>4.70 - 11.60 %</b>	<b>%</b>
Alpha-linolenic acid (ALA)	0.10 - 0.40 %	%
Docosahexaenoic acid (DHA)	4.00 - 9.40 %	%
Eicosapentaenoic acid (EPA)	0.60 - 1.70 %	%
Eicosatrienoic Acid (ETE)	0.00 - 0.10 %	%
<b>Omega - 6</b>	<b>27.70 - 42.40 %</b>	<b>%</b>
Arachidonic acid (AA)	14.20 - 19.20 %	%
Dihomo Gamma Linolenic Acid	1.20 - 2.20 %	%
Docosatetraenoic acid (DTA)	1.60 - 4.40 %	%
Eicosadienoic Acid (EDA)	0.00 - 0.30 %	%
Gammalinolenic acid (GLA)	0.10 - 0.30 %	%
Linoleic Acid (LA)	10.60 - 16.00 %	%
<b>Omega - 9</b>	<b>14.20 - 21.80 %</b>	<b>%</b>
Cis Oleic Acid	14.20 - 19.80 %	%
Eicosenoic Acid	0.00 - 0.40 %	%
Erucic Acid	0.00 - 0.10 %	%
Nervonic Acid	0.00 - 0.90 %	%
Trans-elaidic acid (TEA)	0.00 - 0.60 %	%
<b>Saturated Fatty Acids</b>	<b>32.60 - 45.80 %</b>	<b>%</b>
Palmitic Acid	17.20 - 25.60 %	%
Stearic Acid	15.40 - 20.20 %	%

### Ratio

Ratio Omega 6/Omega 3	<b>2.40 - 9.00</b>	Error: Subreport could not be shown.
Ratio AA/EPA	<b>&lt;15</b>	Error: Subreport could not be shown.



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## Essential Fatty Acids in RBC

### COMMENTS

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