

SP07 Comprehensive Nutrient Panel

PATIENT INFORMATION		TEST INFORMATION	
Name:		Request No.	
Client Code:		Specimen Collected: WB P S pRBC	
Gender: Male	Date of Birth:	Date Collected: 06/24/2021	
Referring Clinic/Institution:		Date Received: 06/29/2021	
Referring Physician:		Date of Report: 07/15/2021	

NUTRIENT TEST RESULTS

NUTRIENT MARKER	REF. RANGE	RESULT	DEFICIENT	NORMAL	EXCESS
Alpha-tocopherol in Serum	5.50 - 17.00 ng/mL	2.75 ng/mL	●		
Beta-carotene in serum	30.00 - 910.00 ug/L	350.7 ug/L			
CoQ10-Ubiquinone in serum	475.00 - 3000.00 ug/L	1205 ug/L		●	
Vit A-Retinol in serum	325.00 - 780.00 ug/L	55.9 ug/L			
Vit C-Ascorbic Acid in serum	6.00 - 20.00 mg/L	17.6 mg/L		●	
Vit K-Phylloquinone in serum	0.10 - 2.20 ug/L	0.40 ug/L			
Vit D2 - Ergocalciferol in Serum, ug/L		5.82			
Vit D3 - Cholecalciferol in Serum, ug/L		18.95			
Vit D Total in Serum	30.00 - 100.00 ug/L	24.77 ug/L	●		

COMMENTS

BDL means below detection limit or not detected.



RODELIOD.LIM,MD,FPSP
Lic. No. 0060854
Pathologist



MA.LEAHTERENCIA N.BASA, RCH,MSC
Lic. No. 8364
Laboratory Head

RP02 B-Vitamins Panel

PATIENT INFORMATION

Name:

Client Code:

Gender: Male

Date of Birth:

Referring Clinic/Institution:

Referring Physician:

TEST INFORMATION

Request No.

Specimen Collected: WB P S pRBC

Date Collected: 06/24/2021

Date Received: 06/29/2021

Date of Report: 07/15/2021

NUTRIENT TEST RESULTS

NUTRIENT MARKER	REF. RANGE	RESULT	DEFICIENT	NORMAL	EXCESS
Vit B1-Thiamine Pyrophosphate	25.00 - 75.00 ug/L	55.21 ug/L		●	
Vit B2-Riboflavin in Plasma	1.00 - 19.00 ug/L	7.61 ug/L			
Vit B3-Total Niacin in blood	4000.00 - 7000.00 ug/L	15077.25 ug/L			●
Vit B5-Pantothenic Acid	200.00 - 1800.00 ug/L	424.02 ug/L			
Vit B6-Pyridoxal Phosphate in Plasma	5.00 - 50.00 ug/L	51.46 ug/L			●
Vit B7-Biotin in serum	0.22 - 3.00 ug/L	1.68 ug/L			
Vit B9-Folate in serum	≥ 4.00 ug/L	15.06 ug/L		●	
Vit B12-Cobalamin in serum	165.00 - 1600.00 ng/L	2583.83 ng/L			

COMMENTS

BDL means below detection limit or not detected.



RODELIOD.LIM,MD,FPSP
Lic. No. 0060854
Pathologist



MA.LEAHTERENCIA N.BASA, RCH,MSC
Lic. No. 8364
Laboratory Head

RP03 Complete Minerals Panel in Blood

PATIENT INFORMATION		TEST INFORMATION	
Name:		Request No.	
Client Code:		Specimen Collected: WB P S pRBC	
Gender: Male	Date of Birth:	Date Collected: 06/24/2021	
Referring Clinic/Institution:		Date Received: 06/29/2021	
Referring Physician:		Date of Report: 07/15/2021	

NUTRIENT TEST RESULTS

NUTRIENT MARKER	REF. RANGE	RESULT	DEFICIENT	NORMAL	EXCESS
Calcium in Whole Blood	48.00 - 61.00 mg/L	61.10 mg/L			●
Chromium in Whole Blood	0.18 - 2.78 ug/L	0.11 ug/L			
Copper in Whole Blood	750.00 - 1900.00 ug/L	783.6 ug/L		●	
Ferritin in Serum	15.00 - 300.00 ng/mL	266.10 ng/mL			
Magnesium in Whole Blood	34.00 - 48.00 mg/L	48.2 mg/L			●
Manganese in Whole Blood	3.00 - 17.00 ug/L	7.5 ug/L			
Phosphorus in Serum	2.30 - 4.70 mg/dL	3.9 mg/dL		●	
Potassium in Serum	3.50 - 5.10 mmol/L	3.9 mmol/L			
Selenium in Whole Blood	110.00 - 400.00 ug/L	137.70 ug/L		●	
Sodium in Serum	136.00 - 145.00 mmol/L	145 mmol/L			
Vanadium in Whole Blood	0.04 - 1.69 ug/L	BDL ug/L	●		
Zinc in Whole Blood	5.30 - 6.50 mg/L	8.6 mg/L			

COMMENTS

BDL means below detection limit or not detected.



RODELIOD.LIM,MD,FPSP
Lic. No. 0060854
Pathologist



MA.LEAHTERENCIA N.BASA, RCH,MSC
Lic. No. 8364
Laboratory Head

RP05 Amino Acid Panel in Plasma

PATIENT INFORMATION		TEST INFORMATION	
Name:		Request No.	
Client Code:		Specimen Collected: WB P S pRBC	
Gender: Male	Date of Birth:	Date Collected: 06/24/2021	
Referring Clinic/Institution:		Date Received: 06/29/2021	
Referring Physician:		Date of Report: 07/15/2021	

NUTRIENT TEST RESULTS

	REF. RANGE	RESULT	DEFICIENT	NORMAL	EXCESS
Essential Amino Acids					
Arginine in plasma	32.00 - 120.00 umol/L	57.99 umol/L		●	
Histidine in plasma	39.00 - 123.00 umol/L	55.05 umol/L			
Isoleucine in plasma	36.00 - 107.00 umol/L	70.68 umol/L		●	
Leucine in plasma	68.00 - 183.00 umol/L	127.72 umol/L			
Lysine in plasma	103.00 - 255.00 umol/L	224.98 umol/L		●	
Methionine in plasma	4.00 - 44.00 umol/L	22.37 umol/L			
Phenylalanine in plasma	35.00 - 80.00 umol/L	40.94 umol/L		●	
Taurine in Plasma	42.00 - 156.00 umol/L	46.85 umol/L			
Threonine in plasma	85.00 - 231.00 umol/L	90.86 umol/L		●	
Tryptophan in plasma	29.00 - 77.00 umol/L	46.10 umol/L			
Valine in plasma	136.00 - 309.00 umol/L	233.63 umol/L		●	
Metabolic Amino Acids					
Beta-Alanine in plasma	≤ 29.00 umol/L	12.84 umol/L			
Gamma-amino butyric acid	≤ 2.00 umol/L	0.46 umol/L		●	
Phosphoserine in plasma	≤ 18.00 umol/L	0.60 umol/L			
Non-Essential Amino Acids					
Alanine in plasma	200.00 - 579.00 umol/L	297.15 umol/L		●	
Asparagine in plasma	37.00 - 92.00 umol/L	42.35 umol/L			
Aspartic acid in plasma	≤ 7.00 umol/L	1.66 umol/L		●	


RODELIOD.LIM,MD,FPSP
 Lic. No. 0060854
 Pathologist


MA.LEAHTERENCIA N.BASA, RCH, MSC
 Lic. No. 8364
 Laboratory Head

RP05 Amino Acid Panel in Plasma

Cystine in plasma	3.00 - 95.00 umol/L	52.02 umol/L	
Glutamic acid in plasma	13.00 - 113.00 umol/L	16.44 umol/L	●
Glutamine in plasma	371.00 - 957.00 umol/L	522.32 umol/L	
Glycine in plasma	126.00 - 490.00 umol/L	190.43 umol/L	●
Proline in plasma	97.00 - 368.00 umol/L	124.02 umol/L	
Serine in plasma	63.00 - 187.00 umol/L	93.16 umol/L	●
Tyrosine in plasma	31.00 - 90.00 umol/L	34.47 umol/L	

COMMENTS



RODELIOD.LIM,MD,FPSP
Lic. No. 0060854
Pathologist



MA.LEAHTERENCIA N.BASA, RCH,MSC
Lic. No. 8364
Laboratory Head

Essential Fatty Acids in RBC

PATIENT INFORMATION		TEST INFORMATION	
Name:		Request No.	
Client Code:		Specimen Collected: WB P S pRBC	
Gender: Male	Date of Birth:	Date Collected: 06/24/2021	
Referring Clinic/Institution:		Date Received: 06/29/2021	
Referring Physician:		Date of Report: 07/15/2021	

TEST RESULTS

NUTRIENT MARKER	REF. INTERVAL	RESULT
Omega - 3	4.70 - 11.60 %	11.10%
Alpha-linolenic acid (ALA)	0.10 - 0.40 %	0.066 %
Docosahexaenoic acid (DHA)	4.00 - 9.40 %	10.327 %
Eicosapentaenoic acid (EPA)	0.60 - 1.70 %	0.679 %
Eicosatrienoic Acid (ETE)	0.00 - 0.10 %	0.032 %
Omega - 6	27.70 - 42.40 %	34.15%
Arachidonic acid (AA)	14.20 - 19.20 %	15.976 %
Dihomo Gamma Linolenic Acid	1.20 - 2.20 %	1.494 %
Docosatetraenoic acid (DTA)	1.60 - 4.40 %	4.977 %
Eicosadienoic Acid (EDA)	0.00 - 0.30 %	0.296 %
Gammalinolenic acid (GLA)	0.10 - 0.30 %	0.074 %
Linoleic Acid (LA)	10.60 - 16.00 %	11.336 %
Omega - 9	14.20 - 21.80 %	16.44%
Cis Oleic Acid	14.20 - 19.80 %	15.966 %
Eicosenoic Acid	0.00 - 0.40 %	0.321 %
Erucic Acid	0.00 - 0.10 %	0.030 %
Nervonic Acid	0.00 - 0.90 %	0.050 %
Trans-elaidic acid (TEA)	0.00 - 0.60 %	0.073 %
Saturated Fatty Acids	32.60 - 45.80 %	38.30%
Palmitic Acid	17.20 - 25.60 %	22.207 %
Stearic Acid	15.40 - 20.20 %	16.096 %
Ratio		
Ratio Omega 6/Omega 3	2.40 - 9.00	3.08
Ratio AA/EPA	<15	23.53



RODELIOD.LIM,MD,FPSP
Lic. No. 0060854
Pathologist



MA.LEAHTERENCIA N.BASA, RCH,MSC
Lic. No. 8364
Laboratory Head

Essential Fatty Acids in RBC

COMMENTS



RODELIOD.LIM,MD,FPSP
Lic. No. 0060854
Pathologist



MA.LEAHTERENCIA N.BASA, RCH,MSC
Lic. No. 8364
Laboratory Head

Toxic Metals in Blood

PATIENT INFORMATION

Name:

Client Code:

Gender: Male

Date of Birth:

Referring Clinic/Institution:

Referring Physician:

TEST INFORMATION

Request No.

Specimen Collected: WB P S pRBC

Date Collected: 06/24/2021

Date Received: 06/29/2021

Date of Report: 07/15/2021

TEST RESULTS

ELEMENT	REF. RANGE	RESULT	DETECTED	EXCESS
Arsenic in Blood	≤ 12.00 ug/L	BDL ug/L		
Cadmium in Blood	≤ 4.90 ug/L	0.05 ug/L		
Lead in Blood	≤ 50.00 ug/L	2.87 ug/L	●	
Mercury in blood	≤ 9.00 ug/L	2.19 ug/L		

COMMENTS

BDL means below detection limit or not detected.

Detected means there is still presence of toxic metals but not at excessive levels or to the point of being toxic.



RODELIOD. LIM, MD, FPSP
Lic. No. 0060854
Pathologist



MA. LEAHTERENCIA N. BASA, RCH, MSC
Lic. No. 8364
Laboratory Head