

Blood Chemistry Results

The following shows the results of your Blood Chemistry Report. Values outside the Healthy Range have a Low or High out to the right side.

Component	Value	Measure	Range Low	Range High	Low/High
Glucose	74	mg/dl	80	95	Low
Uric Acid	5.2	mg/dl	3	5.5	
Blood Urea Nitrogen (BUN)	12	mg/dl	13	17	Low
Creatinine	0.74	mg/dl	0.8	1.1	Low
BUN/Creatinine Ratio	16		13	17	
Sodium, Serum	140	mmol/l	137	142	
Osmolality, Serum	288.3	mosm/l	285	295	
Potassium, Serum	3.7	mmol/l	4	4.5	Low
Chloride, Serum	105	mmol/l	101	106	
Carbon Dioxide (CO2)	25	mmol/l	26	31	Low
Anion Gap	10	mmol/l	5	12	
Calcium, Serum	9.5	ng/100 m	9.5	10	
Phosphorus, Serum	3.1	mg/dl	3.4	4	Low
Chloride/Phosphorus Ratio	33.8		25	33	High
Protein, Total	7.1	g/100ml	6.8	7.4	
Albumin	4.5	g/100 mL	4.1	4.8	
Globulin, Total	2.6	g/100 ml	2.4	2.8	
Albumin/Globulin Ratio (A/G Ratio)	1.7		1.7	2	
Bilirubin, Total	0.5	mg/dl	0.1	1	
Alkaline Phosphatase (ALP), American Association	97	U/L	70	100	
Lactic Dehydrogenase (LDH), American Association	182	U/L	150	180	High
AST (SGOT)	16	U/L	14	30	
ALT (SGPT)	20	U/L	14	30	
GGTP (GGT)	45	U/L	14	30	High
Iron, Serum	69	mcg/ml	50	100	
Cholesterol	178	mg/dl	150	220	
Triglycerides	154	mg/dl	70	110	High
HDL	52	mg/dl	60	85	Low
LDL	95	mcg/g	65	120	

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Component	Value	Measure	Range Low	Range High	Low/High
LDL/HDL Ratio	1.8		0	3.1	
Cholesterol/HDL Ratio	3.4		0	3.2	High
Thyroid Stimulating Hormone (TSH)	1.42	mcU/ml	2	4	Low
T4 (Thyroxine), Free	7.6	ng/dL	1	2.5	Very High
T3 Uptake (Triiodothyronine Uptake Test)	28	%	28	33	
FTI (Free Thyroxine Index)	2.1		6	11	Low
White Blood Count (WBC)	7.3	1000/mcl	5	8	
Red Blood Count (RBC)	4.82	million/mc	4	5.2	
Hemoglobin (HGB)	14.3	g/dl	13.5	15	
Hematocrit (HCT)	41.5	%	39	44	
Mean Corpuscular Volume (MCV)	86	f/L	82	89.9	
Mean Corpuscular Hemoglobin (MCH)	29.7	pg/cell	27	31.9	
Mean Corpuscular Hemoglobin Concentrate (MCHC)	34.5	%	33	35	
Red Cell Size Distribution Width (RDW)	14.4		0	12.9	High
Platelets, Blood	220	1000/mcl	200	300	
Neutrophils, Total	55	%	50	68	
Lymphocytes	31	%	24	40	
Monocytes	7	%	0	6	High
Eosinophils	6	%	0	2.5	Very High
Basophils	1	%	0	0.5	High

Evaluation Symbols for Test Values

✓ = Improved since Last Test.

* = Homeostasis (i.e., in perfect health / nutritional biochemistry).

↑ = High / Above Normal Nutritional Values / Higher than Last Test.

↓ = Low / Below Normal Nutritional Values / Lower than Last Test.

/ = Same as Last Test

On First Test Only, Numbers Highlighted Indicate Abnormal Nutritional Values.

Highlighted Test Titles Are Those Being Nutritionally Supported At This Time.

This information is provided for nutritional education purposes only as related to the vitamin deficiencies, biochemical imbalances, organ/gland dysfunctions and/or patterns of disease identified in your biochemistry. It is not for the diagnosis or treatment of any medical condition, disorder or disease.

The following lists shows the number of indicators for each Health Concern listed. Concerns from High to Moderate should be addressed.

Health Concern	Indicators	Concern
Dysbiosis	17	Very High
Allergies/Sensitivities	8	High
Hyperthyroidism	8	High
Hypoglycemia	7	High
Gallbladder/Biliary Duct	5	Moderate
Anterior Pituitary Hypofunction	4	Moderate
Hyperinsulinemia	4	Moderate
Hypochlorhydria	4	Moderate
Liver	4	Moderate
Protein Need	4	Moderate