

FUNCTIONAL LABORATORY EVALUATION

Name _____ Date of test _____ Age _____

Medication and supplements taken during test _____

FUNCTIONAL RANGE	RESULTS	COMMENTS
Glucose 85 - 100 mg/dL		
Cholesterol 150 - 200 mg/dL		
Triglycerides 75 - 100 mg/dL		
LDL < 120 mg/dL		
HDL > 55 mg/dL		
Chol/HDL Ratio < 3.1		
Iron 85 - 130 ug/dL		
TIBC 250 - 350 ug/dL		
Hgb (F) 13.5 - 14.5 (M) 14 - 15		
Hct (F) 37 - 44 (M) 40 - 48		
RBC (F) 3.9 - 4.5 (M) 4.2 - 4.9		
MCV 85 - 92 cu microns		
MCH 27 - 32 cu microns		
MCHC 32 - 35%		
RDW < 13		
Platelets 150,000 - 450,000		
WBC 5.0 - 8.0		
Neutrophils 40 - 60%		
Lymphocytes 25 - 40%		
Monocytes < 7%		
Eosinophils < 3%		
Basophils 0 - 1%		
TSH 1.8 - 3.0 mIU/L		
T4 6 - 12 mg/d		
T3 Uptake 28 - 38 mg/dL		

FUNCTIONAL LABORATORY EVALUATION (Continued)

FUNCTIONAL RANGE		RESULTS	COMMENTS
FTI	1.2 - 4.9		
SGOT (AST)	10 - 26 U/L		
SGPT (ALT)	10 - 26 U/L		
GGTP	10 - 26 U/L		
LDH	140 - 180 U/L		
Alk. Phos.	27 - 90 U/L		
Total Bilirubin	0.2 - 1.2 mg/dL		
Total Protein	6.9 - 7.4 G/dL		
Albumin	4.0 - 5.0 G/dL		
Globulin	2.4 - 2.8 G/100mL		
A/G Ratio	1.5 - 2.0 units		
Sodium	135 - 140 mmol/L		
Potassium	4.0 - 4.5 mmol/L		
Chloride	100 - 106 mmol/L		
Carbon Dioxide	25 - 30 mmol/L		
Anion Gap	7 - 12 mmol/L		
BUN	13 - 18 mg/dL		
Creatinine	0.7 - 1.1 mg/dL		
Calcium	9.2 - 10.1 mg/dL		
Magnesium	2.0 - 2.5 mg/dL		
Phosphorous	3.5 - 4.0 mg/dL		
Uric Acid	(M) 3.7 - 6.0 mg/dL (F) 3.2 - 5.5 mg/dL		
Ferritin	Menopausal Women: 33 - 263 Women: 10 - 122 Men: 33 - 263		
25 (OH) Vitamin D	35 - 80		

COMMENTARY _____

FUNCTIONAL IMMUNOLOGY RANGES

FUNCTIONAL RANGE		RESULTS	COMMENTS
B-cells (CD19+)	34.0 - 464.0		
% B-Cells	8.0 - 16.0		
T-Cells (CD3)	742.0 - 2143.0		
% T-Cells	70.0 - 82.0		
Helper (CD4)	463.0 - 1312.0		
% Helper	40.0 - 53.0		
Suppressor (CD8)	247.0 - 794.0		
% Suppressor	22.0 - 33.0		
CD4/CD8 Ratio	1.2 - 2.0		
NK Cells	130 - 403		
% NK Cells	10 - 19		
Th-1	IL-2 < 31.2 FN-γ < 15.6 TNF-α < 6		
Th-2	IL-10 < 5 IL-6 < 6 IL-4 < 4		

COMMENTARY
