

Test	Normal Adult Values	
Hematology (CBC)		
Basophils	%	0.0 – 4.0
Eosinophils	%	0.0 – 6.0
Hematocrit	%	42.0 – 52.0 (male) 37.0 – 47.0 (female)
Hemoglobin	GM/DL	14.0 – 18.0 (male) 12.0 – 16.0 (female)
INR	ratio	2.0 – 3.0 standard 2.5 -3.5 high risk
Lymphocytes	%	24.0 – 44.0
MCH	PG	27.0 – 31.0
MCHC	G/DL	32.0 – 36.0
MCV	FL	80.0 – 100.0
Monocytes	%	0.0 – 10.0
Neutrophils	%	45.0 – 80.0
Platelet – CT	MM3	150 – 400
Protime	Seconds	9.6 – 11.5
RBC	MM6	4.60 – 6.20 (male) 4.20 – 5.40 (female)
Retic Count	%	0.8 – 2.1
WBC	MM3	4.5 – 11.0
Chemistry		
A/G Ratio	CALC	1.2 – 1.8
Albumin (BCG)	G/DL	3.5 – 5.7
Alk Phos	U/L	34 – 104
Aluminum	UG/L	0 – 9
Anion Gap	CALC	9.1 – 19.5
Anion Gap = (NA + K) - (CL + CO2)		
BILI Total	MG/DL	0.3 – 1.0
BUN	MG/DL	7 – 25
BUN – Post	MG/DL	7 – 25
BUN/Creat Ratio	CALC	11.7 – 19.2 (male) 11.6 – 20.8 (female)
Calcium	MG/DL	8.6 – 10.2
CA*Phos Product	CALC	21.0 – 46.0
Chloride	MEQ/L	98 – 107
Cholesterol	MG/DL	Under 200 = desirable 201 - 239 = borderline high >240 = high
CO2	MEQ/L	21 – 31
CPK	U/L	30 – 280
Creatinine	MG/DL	0.60 – 1.30 (male) 0.60 – 1.20 (female)
CRP Inflammatory	MG/DL	0.0 – 0.5
Direct BILI	MG/DL	0.0 – 0.2
Ferritin	NG/ML	22 – 322 (male) 10 – 291 (female)

(continued in next column)

Test	Normal Adult Values	
Chemistry (continued from previous column)		
Folate	NG/ML	2.8 – 15.6
Free T4	NG/DL	0.8 – 1.8
GGTP	U/L	9 – 64
Globulin	CALC	2.9 – 3.2
Glucose	MG/DL	70 – 105
Glycohemoglobin	%	4.2 – 5.8
HDL	MG/DL	23 – 92
Ionized calcium (measured)	MG/DL	4.6 – 5.3
Iron	UG/DL	50 – 212
Iron Saturation	%	26 – 38
Kt/V Modified	CALC	1.00 – 1.20
LDH, Total	U/L	140 – 271
Magnesium	MG/DL	1.9 – 2.7
Osmolal (CALC)	CALC	268 – 302
Phosphorus	MG/DL	2.5 – 5.0
Potassium	MEQ/L	3.5 – 5.1
Prealbumin	MG/DL	17 – 40
Protein Total	G/DL	6.4 – 8.9
PSA	NG/ML	0.0 – 4.0
PTH – Intact Methodology: Bayer/Siemens*	PG/ML	11 – 80
* We have been informed by Seimens, the manufacturer of Advia Centaur Intact PTH (iPTH) assay, that oral Vitamin B supplements may cause interference with their biotinylated assay. Biotin doses over 300 mcg per day may cause falsely low iPTH results. Patients taking biotin in excess of 300 mcg per day, the amount contained in most daily vitamin tablets, should be advised to skip their dose the day prior to their lab draw and, on the day of lab draw, delay taking that day's dose until after the specimen is drawn.		
SGOT (AST)	U/L	13 – 39
SGPT(ALT)	U/L	7 – 52
Sodium	MEQ/L	134 – 145
TIBC	CALC	190 - 562
Total T-3	NG/DL	60 - 181
Total T-4	UG/DL	4.5 – 10.9
Transferrin	MG/DL	203 – 362
Transf Sat	%	26 - 38
The calculation for Iron Saturation and Transferrin Saturation is as follows: Iron / TIBC X 100		
Triglycerides	MG/DL	Under 150 = Normal 150 - 199 = borderline high >200 = high
TSH	UIU/ML	0.4 – 5.5
T-UPTAKE	%	22 – 37
UIBC	UG/DL	140 – 350
Uric Acid	MG/DL	2.3 – 7.6

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Normal Adult Laboratory Test Ranges

Vitamin B 12	PG/ML	211 – 911
Vitamin D (25-OH)	NG/ML	< 10 ng/ ml deficiency 10 – 30 ng/ml insufficiency 31 – 100 ng/ml sufficiency
Zinc	MCG/DL	60-135

Test	Normal Adult Values
Immunology / Serology	
Hep B Antibody	>10 = Immune
Hep B Core Total	NEG
Hep B Surface Ag	NEG
Hep C Antibody	NEG

Test	Normal Adult Values	
Therapeutic Drugs (TMDs)		
Carbamazepine	UG/ML	4 – 12
Digoxin	NG/ML	0.8 – 2.0
Gentamicin	UG/ML	1 – 10
Phenobarbital	UG/ML	15 – 40
Phenytoin	UG/ML	10 – 20
Theophyline	MG/L	10 – 20
Valproic Acid	MG/L	50 – 100
Vancomycin	UG/ML	5 – 40

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