

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
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	9.2 – 14
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

Test	Normal Adult Values	
Chemistry (continued from previous column)		
Ferritin	NG/ML	22 – 322 (male) 10 – 291 (female)
Folate	NG/ML	2.8 – 15.6
Free T4	NG/DL	0.8 – 1.8
GGTP	U/L	9 – 64
Globulin	G/DL	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	G/DL	17 – 40
Protein Total	G/DL	6.4 – 8.9
PSA	MG/ML	0.0 – 4.0
PTH – Intact Methodology: Bayer/Siemens	PG/ML	11 – 80
SGOT (AST)	U/L	13 – 39
SGPT (ALT)	U/L	7 – 52
Sodium	MEQ/L	134 – 145
TIBC	UG/DL	190 - 562
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
Vitamin B 12	PG/ML	211 – 911
Vitamin D (25-OH)	MG/DL	10 – 52

Normal Adult Laboratory Test Ranges

Test	Normal Adult Values
Immunology / Serology	
Hep B Antibody	>10 = Immune
Hep B Core Total	NEG
Hep B Surface Ag	NEG
A result of POS is considered REPEATEDLY REACTIVE.	
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
Theophylline	MG/ML	10 – 20
Valproic Acid	MG/L	50 – 100
Vancomycin	UG/ML	5 – 40

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