

<u>Test Name</u>	<u>Normal Range</u>	<u>Test Name</u>	<u>Normal Range</u>
A1C	See HgB A1C (%)	Complement, C4	15-59 mg/dL
Acetaminophen (Therapeutic)	10-30 mcg/mL	Complement, Total (CH50)	400-700 UNT/mL
Acetone/Ketones	Negative	Coproporphyrin	See Age Related Reference Ranges
Activated Protein C Res	>1.89	Cortisol	See Age Related Reference Ranges
Albumin	See Age Related Reference Ranges	Cortisol, Free	
Agglutinin, cold	Negative	Urine	See Age Related Reference Ranges
Alcohol	See Ethyl Alcohol	CK	See Age Related Reference Ranges
ALP	See Age Related Reference Ranges	Creatinine	
Alpha-1-antitrypsin	900-200 mg/dL	Serum	See Age Related Reference Ranges
ALT (SGPT)	See Age Related Reference Ranges	Urine	0.8-1.8 mg/24hrs
Aminophylline	See Theophylline	C-reactive protein (CRP)	0.00-0.80 mg/dL
Ammonia	See Age Related Reference Ranges	CRP-HS	See Age Related Reference Ranges
Amylase	See Age Related Reference Ranges	Crossmatch	Compatible
ANA Screen	<1:80	Cryptococcus	
ANA Titer	<1:80	Serum & CSF	Negative
Antibody Screen	Negative	CSF Cell Count	
Antibody Identification	Negative	WBC	0.00-7.00/cmm
Antithrombin III	84-143%	RBC	0.00/cmm
Apolipoprotein A1	See Age Related Reference Ranges	D-Dimer Quant	<0.50 FEU
Apolipoprotein B	See Age Related Reference Ranges	Digoxin	See Age Related Reference Ranges
APTT	20-39.2 sec	Dilantin	10-20 mcg/mL
ASO	See Age Related Reference Ranges	Direct Coombs	Negative
AST (SGOT)	See Age Related Reference Ranges	ESR	
B-HCG (pregnancy)	Negative	Male	0-20 mm/hr
Bilirubin, Direct	See Age Related Reference Ranges	Female	0-35 mm/hr
Bilirubin, Total	See Age Related Reference Ranges	Ethyl Alcohol	0-20 mg/dL
BNP	0-100 pg/mL	Fecal Fat, Qual	Negative
BUN	See Age Related Reference Ranges	Fecal Fat, Quant	See Age Related Reference Ranges
C3 and C4 Complement	See Complement	Ferritin	See Age Related Reference Ranges
Calcium		Fibrinogen	232-456 mg/dL
Serum	See Age Related Reference Ranges	Folate	≥4.0 ng/mL
Urine	50-300 mg/24hr	FTA-ABS	Non-reactive
Carbamazepine	See Tegretol	Fungal precipitins	Negative
Carotene	See Age Related Reference Ranges	G-6PD	3.50-7.50 IU/gm
CBC	See Age Related Reference Ranges	Hgb	
CEA	0-5 ng/mL	Gentamicin	
Ceruloplasmin	See Age Related Reference Ranges	Trough (traditional/intermittent dosing)	
Chloride		Serious infection:	0.5-1 mcg/mL
Serum	98-110 mmol/L	Life-threatening infection:	1-2 mcg/mL
Urine	110-250	Peak (traditional/intermittent dosing)	
mmol/24hrs		Synergy against gram+ orgnsm	3-5 mcg/mL
CSF	115-128 mEq/L	Urinary tract infection:	4-6 mcg/mL
Chloride, Sweat	See Age Related Reference Ranges	Serious infection:	6-8 mcg/mL
Cholesterol	See Age Related Reference Ranges	Life-threatening infection:	8-10 mcg/mL
Cold Agglutinin	Negative	Cystic fibrosis pt w/ resistant orgnsm	≅12mcg/mL
Complement, C3	See Age Related Reference Ranges	GGT	See Age Related Reference Ranges
		Glucose, Fasting	See Age Related Reference Ranges
		Haptoglobin	See Age Related Reference Ranges
		HDL Cholesterol	See Age Related Reference Ranges
		H pylori AB	<0.80 U/mL
		Hgb A1C	4.00-5.60%
		Hgb, Serum	See CBC

ADULT REFERENCE RANGES

<u>Test Name</u>	<u>Normal Range</u>
Homocysteine	See Age Related Reference Ranges
Iron	See Age Related Reference Ranges
Keppra	5-45 mcg/mL
Lactate	
Blood	0.60-2.00 mmol/L
CSF	1.20-2.10 mmol/L
Lamotrigine	1-13
mcg/mL	
LAP	11.00-95.00
Levetiracetam	See Keppra
LDH	
Serum	See Age Related Reference Ranges
CSF	0-30 U/L
LDL Cholesterol	0-129 mg/dL
Lipase	See Age Related Reference Ranges
Lithium	0.6-1.2 mmol/L
Lupus Anticoagulant Screen	Negative
Magnesium	See Age Related Reference Ranges
Methemoglobin	0.40-1.50%
Microalbumin	0.00-30.00
mg/24hrs	
Mono Test	Negative
Myoglobin, Urine	Negative
Osmolality	
Serum	See Age Related Reference Ranges
Urine	250-1200 mOsm/kg
Phenobarbital	See Age Related Reference Ranges
Phenytoin	10-20 mcg/mL
Platelet Aggregation	
Epinephrine (%)	52-100
Ristocetin (%)	52-100
ADP (%)	50-100
Platelet Count	See CBC
Platelet Function	
Epinephrine	81-181 sec
ADP	58-104 sec
Phosphorus	See Age Related Reference Ranges
Potassium (K)	
Serum	See Age Related Reference Ranges
Urine	40-80 mmol/24hrs
Prealbumin	See Age Related Reference Ranges
Prolactin	
Male	3.7-23.1 ng/mL
Female	See Age Related Reference Ranges
Protein, Total	
CSF	See Age Related Reference Ranges
Serum	See Age Related Reference Ranges
Tylenol	See Acetaminophen
Urea Nitrogen	See BUN
Uric Acid	
Serum	See Age Related Reference Ranges
Urine	250-700 mg/24hrs

<u>Test Name</u>	<u>Normal Range</u>
Urine	10-150 mg/24hr
Protein C, Functional	70-130%
Protein S, Functional	65-140%
Prottime (PT)	10.5-15.7 sec
PSA, Total	0.00-4.00 ng/mL
PTT	See APTT
Retic Count	See Age Related Reference Ranges
Rheumatoid Factor (RA)	<20 IU/mL
RPR	Nonreactive
Rubella	Immune
Salicylate (Therapeutic)	5-30 mg/dL
Sed Rate	See ESR
SGOT (AST)	See AST
SGPT (ALT)	See ALT
Sickle Cell Test (Solubility)	Negative
Sodium	
Serum	See Age Related Reference Ranges
Urine	80-180 mmol/24hrs
T3 Uptake	0.69-1.41 Uptake units
T3, Free	See Age Related Reference Ranges
T4, Total	See Age Related Reference Ranges
T4, Free	See Age Related Reference Ranges
T7 FTI (T4 Tot/T3 Up)	5.06-9.42 mcg/dL
Tegretol	4-12 mcg/mL
Theophylline	5-15mcg/mL
Thyroglobulin Ab	0.0-0.5 Units
Thyroid Peroxidase Ab	0-100 Units
TIBC	280-380 mcg/dL
Tobramycin	
Trough (traditional/intermittent dosing)	
Serious infection:	0.5-1 mcg/mL
Life-threatening infection:	1-2 mcg/mL
Peak (traditional/intermittent dosing)	
Synergy against gram+ orgnsm	3-5 mcg/mL
Urinary tract infection:	4-6 mcg/mL
Serious infection:	6-8 mcg/mL
Life-threatening infection:	8-10 mcg/mL
Cystic fibrosis pt w/ resistant orgnsm	≥12mcg/mL
Toxoplasmosis	
IgG	0.00-0.90
IgM	0.00-0.90
Transferrin	See Age Related Reference Ranges
Triglyceride	See Age Related Reference Ranges
Troponin	See Age Related Reference Ranges
TSH	See Age Related Reference Ranges
Tularemia Ab	<1:20



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Protein	Negative		
Hemoglobin	Negative		
Glucose	Negative		
Ketones	Negative		
pH	4.5-9.0		
Specific Gravity	1.000-1.0300		
Bilirubin	Negative		
Leukocyte Esterase	Negative		
Nitrate	Negative		
RBC	0-30 cells/uL		
WBC	0-60 cells/uL		
Epithelial	0-31/uL		
Hyaline Casts	0-0.75/uL		
Bacteria	0-2245/uL		
Valproic Acid	50-100 mcg/mL		
Vancomycin			
Peak	25-40 mcg/mL		
Trough	≥10 mcg/mL		
Vitamin B12	190-1100 pg/mL		