

Value	Normal Range	
BUN	10 – 25 or 5 - 25 Kaplan	
Creatinine	1.2 – 1.5 or 0.5 – 1.5 <u>Kap</u>	
Creatinine Clearance	85 – 135	
Albumin, serum	3.5 – 5.0	
Potassium	3.5 – 5.0	
Specific Gravity	1.010 – 1.030	
Sodium, serum	135 – 145	
Calcium	9 - 11	
Magnesium	1.3 – 2.1	Critical < 0.5 or >3
Chloride	95 – 105	
Phosphate	3.0 – 4.5	
Serum Osmolarity	285 - 295	
Glycosylated Hemoglobin	4 – 6%	3 month review of Glucose
pH	7.35 – 7.45	↓ Acid ↑ Alkaline
HCO ₃	22 – 26	↓ Acid ↑ Alkaline
PCO ₂	35 – 45	↑ Acid ↓ Alkaline
PO ₂	80 – 100	
O ₂ saturation	96 - 100	
Metabolic Alkalosis	pH ↑, PCO ₂ ↑, HCO ₃ ↑	
Metabolic Acidosis	pH ↓, PCO ₂ ↓, HCO ₃ ↓	
Respiratory Alkalosis	pH ↑, PCO ₂ ↓, HCO ₃ ↓	
Respiratory Acidosis	pH ↓, PCO ₂ ↑, HCO ₃ ↑	
Phosphate	3.0 – 4.5	
CVP	3 – 11 or 2 – 8	
HGB, hemoglobin	12 – 15	
HCT, <u>hemocrit</u>	36 – 45	
Platelets	150,000 – 450,000	
Neutrophils	2500 – 8000	
Lymphocytes	1000 – 4000	
RBC	3.2 – 5.2	
WBC	5000 – 10,000	
ESR	0 – 20	
PTT	20 – 45 sec. Max 112 sec.	Therapeutic. 1.5 – 2.5 times
PT/INR	10 – 14 seconds	
Bilirubin	0.1 – 1.0	
ALT/AST	8 - 20	
Digoxin	0.5 – 2	Toxic > 2.5
Dilantin	10 – 20	Toxic > 30
Theophylline	10 - 20	Toxic > 20
Lithium	0.5 – 1.2	
Tylenol		Toxic > 4000 mg/day