

Normal Lab Values Study guide cheat sheet

Electrolytes

Sodium	136 - 145 mEq/L
Potassium	3.5 - 5.0 mEq/L
Chloride	98 - 106 mEq/L

Coagulation

aPTT	30 to 40 seconds
PTT	60 to 70 seconds
PT	11-12.5 seconds
INR	0.8 - 1.1
Platelets	150k - 400k cells/mm ³

Blood

Hemoglobin	
<i>Male adult</i>	14 - 18 g / dL
<i>Female adult</i>	12 - 16 g / dL
Hematocrit	
<i>Male adult</i>	42 % - 52 %
<i>Female adult</i>	37 % - 47 %
Iron	
<i>Male adult</i>	65 - 175 mcg / dL
<i>Female adult</i>	50 - 170 mcg / dL
Red Blood Cells	
<i>Male adult</i>	4.7 - 6.1 million / μ L
<i>Female adult</i>	4.2 - 5.4 million / μ L
WBC	5,000 - 10,000 cells/mm ³

Serum Enzymes

CK	26 - 174 units / L
CK - MB	0 % - 5 % of total
Troponin I	< 0.1 ng / mL
BNP	Less than 100 pg / mL

Renal

Cr	0.6 to 1.2 mg / dL
BUN	10 to 20 mg / dL
Hemoglobin A1c	< 7 %

Gastrointestinal

Albumin	3.4 to 5 g / dL
Ammonia	10 to 80 mcg / dL
ALT	4 to 36 units / L
AST	0 to 35 units / L
Amylase	30 to 220 units / L
Lipase	10 to 140 units / L
Lipids	
<i>Total Cholesterol</i>	below 200 mg / dL
<i>HDL</i>	less than 130 mg / dL
<i>LDL</i>	60 mg / dL and above

Elements

Calcium	9 to 10.5 mg / dL
Magnesium	1.3 to 2.1 mg / dL
Phosphorus	3.0 to 4.5 mg / dL

Immune

CD4+ T-cell	500 - 1600 cells / L
CD4-to-CD8 ratio	2:1

Glucose

Glucose	74 - 106 mg / dL
Fasting	70 - 110 mg / dL

