

LAB PANELS

Basic Metabolic Panel (BMP)

Glucose	70-115 mg/dL
Calcium	8.4-10.2 mg/dL
Sodium	135-145 mEq/L
Potassium	3.5 - 5.0 mEq/L
Bicarbonate	22-26 mEq/L
Chloride	96-108 mEq/L
BUN	7-20 mg/dL
Creatinine	0.7-1.4 mg/dL

Complete Blood Count (CBC)

RBC (Male)	4.5 - 5.5 x 10 ⁶ /mcL
RBC (Female)	4.0 - 4.9 x 10 ⁶ /mcL
Hemoglobin (Male)	15.5 - 16.5 g/dL
Hemoglobin (Female)	12.0 - 15.0 g/dL
Hematocrit (Male)	41 - 50%
Hematocrit (Female)	36 - 44%
Platelet	100,000 - 450,000 cells/mcL
WBC	4,500 - 10,000 cells/mcL

Liver Panel (LFTs)

ALP	40-130 U/L
ALT	13 - 69 U/L
AST	12-37 U/L
Bilirubin	0.1 - 1.2 mg/dL
Albumin	3.5 - 6.0 g/dL
Total Protein	6 - 8 g/dL

Thyroid Panel

TSH	0.5 - 5.0 mIU/L
T4	5.0 - 12.0 ug/dL
T3	80 - 220 ng/dL
FT4	0.7 - 1.9 ng/dL

Comprehensive Metabolic Panel (CMP)

Glucose	70-115 mg/dL
Calcium	8.4-10.2 mg/dL
Sodium	135-145 mEq/L
Potassium	3.5 - 5.0 mEq/L
Bicarbonate	22-26 mEq/L
Chloride	96-108 mEq/L
BUN	7-20 mg/dL
Creatinine	0.7-1.4 mg/dL
Albumin	3.5 - 6.0 g/dL
Total Protein	6 - 8 g/dL
ALP	40-130 U/L
ALT	13 - 69 U/L
AST	12-37 U/L
Bilirubin	0.1 - 1.2 mg/dL

Bleeding Times

PT	11 - 14 seconds
PTT	30-40 seconds
INR	0.8 - 1.2

Lipid Profile

Total Cholesterol	<200 mg/dL
HDL	>60 optimal mg/dL
LDL	<70 mg/dL
Triglycerides	<150 mg/dL

Cardiac Injury Profile (CIP)

Troponin I	< 0.035 ng/mL
Troponin T	< 0.01 ng/mL
CK	55 - 170 U/L
CK-MB	< 2.40 ng/mL
Myoglobin	5-70 ng/mL

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Renal Panel

Sodium	135-145 mEq/L
Potassium	3.5 - 5.0 mEq/L
Chloride	96-108 mEq/L
Bicarbonate	22-26 mEq/L
Phosphorus	3.0-4.5 mg/dL
Calcium	8.4-10.2 mg/dL
BUN	7-20 mg/dL
Creatinine	0.7-1.4 mg/dL
Glucose	70-115 mg/dL
BUN:Creat	10:1 to 20:1
eGFR	>90 mL/min/1.73 m ²
Anion Gap	8 - 16 mEq/L
Albumin	3.5 - 6.0 g/dL

***Lab Values Tube Colors Will Vary Based on Facility



Renal Panel
Basic Metabolic Panel (BMP)
Comprehensive Metabolic Panel (CMP)



Complete Blood Count (CBC)



Lipid Profile
Thyroid Panel



Bleeding Times



Liver Panel (LFTs)

Cardiac Injury Profile (CIP)