

Adult Normal Ranges

| Chemistry Profile | | | CBC w/Differential/Platelets | | | Urinalysis | | |
|--|----------|--------|------------------------------|-----------|-----------------------|--|-------------|---------|
| Glucose | 65-99 | mg/dL | WBC | 4.0-11.0 | thous/mm ³ | Color | Normal | |
| Sodium | 135-145 | mmol/L | RBC- Male | 4.30-6.00 | mil/mm ³ | Clarity | Clear | |
| Potassium | 3.5-5.2 | mmol/L | RBC- Female | 3.70-5.40 | mil/mm ³ | Specific Gravity | 1.005-1.030 | |
| Chloride | 96-110 | mmol/L | Hemoglobin- Male | 13.0-18.0 | g/dL | pH | 5.0-8.0 | |
| Carbon Dioxide | 19-31 | mmol/L | Hemoglobin- Female | 11.5-16.0 | g/dL | Leukocyte Esterase | Negative | |
| Anion Gap | 4-18 | | Hematocrit- Male | 40.0-53.0 | % | Protein | Negative | mg/dL |
| BUN | 8-25 | mg/dL | Hematocrit- Female | 35.0-48.0 | % | Glucose | Negative | |
| Creatinine- Male | 0.6-1.5 | mg/dL | MCV | 78-100 | fL | Ketone | Negative | |
| Creatinine- Female | 0.6-1.4 | mg/dL | MCH | 27.0-34.0 | Pg | Bile | Negative | |
| BUN/Creat. Ratio | 10-28 | mg/dL | MCHC | 31.0-37.0 | g/dL | Blood | Negative | mg/dL |
| Uric Acid- Male | 3.5-8.0 | mg/dL | RDW | 12.1-18.2 | % | Nitrate | Negative | |
| Uric Acid- Female (13-60 y) | 2.2-6.5 | mg/dL | Platelet Count | 130-450 | thous/mm ³ | WBC | 0-5 | /hpf |
| Calcium- Male (13-49y) | 8.7-10.5 | mg/dL | MPV | 7.5-14.0 | fL | RBC | 0-2 | /hpf |
| Calcium- Female (13-49y) | 8.7-10.4 | mg/dL | Reticulocyte | 0.5-1.5 | % | Bacteria | Negative | |
| Inorg. Phos. | 2.5-4.5 | mg/dL | Neutrophils | 40-85 | % | Urobilinogen | Normal | EU/dL |
| Alk. Phos.- Male | 39-160 | IU/L | Neutrophils Absolute | 1.6-9.3 | k/uL | | | |
| Alk. Phos-(<51y) Female | 39-145 | IU/L | Lymphocytes | 10-45 | % | | | |
| Alk. Phos-(≥51y) Female | 39-170 | IU/L | Lymphocytes Absolute | 0.6-5.5 | k/uL | | | |
| GGT- Male | 5-80 | IU/L | Monocytes | 3-15 | % | Coagulation | | |
| GGT- Female | 5-60 | IU/L | Monocytes Absolute | 0.1-1.6 | k/uL | Prothrombin Time | 9.0-11.5 | Seconds |
| Total Bilirubin | 0.2-1.3 | mg/dL | Eosinophils | 0-7 | % | INR | 0.9-1.1 | |
| Bilirubin, Direct | 0.0-0.3 | mg/dL | Eosinophils Absolute | 0.0-0.7 | k/uL | APTT | 22.0-34.0 | Seconds |
| AST- Male | 10-50 | IU/L | Basophils | 0-2 | % | | | |
| AST- Female | 10-41 | IU/L | Basophils Absolute | 0.0-0.2 | k/uL | Misc | | |
| ALT- Male | 2-60 | IU/L | | | | Amylase, Serum | 26-129 | IU/L |
| ALT- Female | 2-46 | IU/L | | | | CEA | <3.5 | ng/mL |
| LDH | 112-245 | IU/L | | | | Sedimentation Rate (Westergren) | | |
| Total Protein | 6.0-8.0 | g/dL | | | | Males | | |
| Albumin | 3.3-4.9 | g/dL | | | | 1-9 yrs | 0-10 | mm/Hr |
| Globulin | 2.0-3.7 | g/dL | | | | 10-49 yrs | 0-15 | mm/Hr |
| A/G Ratio | 1.0-2.0 | g/dL | | | | 50+ yrs | 0-20 | mm/Hr |
| Iron- Male | 40-190 | mcg/dL | | | | Females | | |
| Iron- Female | 35-175 | mcg/dL | | | | 1-9 yrs | 0-10 | mm/Hr |
| Total Cholesterol | <200 | mg/dL | | | | 10-49 yrs | 0-20 | mm/Hr |
| Triglycerides | <150 | mg/dL | | | | 50+ yrs | 0-30 | mm/Hr |

Note: Unless otherwise noted, these ranges are default adult male ranges which are used when patient age or gender is not indicated

**Indicates changes or additions from prior printing.*

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