

ตารางแสดงชื่อและค่าปกติของการตรวจวิเคราะห์ทางห้องปฏิบัติการ

| Hematology | | | Renal Profile | | |
|--|-------------------------|-------|----------------------------|-------------|-------|
| Hemoglobin | 12.0-18.0 | g/dL | BUN | 0.3 – 1.2 | mg/dL |
| Hematocrit | 36 - 52 | % | Creatinine | 0.5 – 1.5 | mg/dL |
| Red blood cell count | 4.2-5.4x10 ⁶ | /μL | Electrolyte | | |
| MCV | 80-99 | fL | Sodium | 135 - 145 | mEq/L |
| MCH | 27-31 | pg | Potassium | 3.5 – 5.0 | mEq/L |
| Red cell distribution width (RDW) | 11.6-14.5 | % | Chloride | 98 – 107 | mEq/L |
| Reticulocyte Count | 0.5-2 | % | Bicarbonate | 21 - 24 | mEq/L |
| White blood cell count | 4,500 - 11,000 | /μL | Liver Function | | |
| Neutrophil | 40 - 74 | % | Total protein | 6.6 – 8.7 | g/dL |
| Lymphocyte | 19 - 48 | % | Albumin | 3.5 – 5.5 | g/dL |
| Monocyte | 3 - 9 | % | Globulin | 1.2 – 3.5 | g/dL |
| Eosinophil | 0 - 7 | % | Total bilirubin | 0.3 – 1.2 | mg/dL |
| Basophil | 0 - 1 | % | Direct bilirubin | 0 - 0.5 | mg/dL |
| Platelet count | 150,000 - 440,000 | /μL | AST (SGOT) | 0 - 37 | U/L |
| ESR (female) | 0 - 20 | mm/hr | ALT (SGPT) | 0 - 40 | U/L |
| ESR (male) | 0 - 15 | mm/hr | Alkaline phosphatase (ALP) | 39 - 117 | U/L |
| Ferritin | 13 – 400 | ng/mL | Gamma GT | 7 - 50 | U/L |
| CD4 T-lymphocyte | 24.10 - 50.70 | % | Lipid profile | | |
| CD4 T-lymphocyte (absolute) | 470 - 1404 | /μL | Cholesterol | 100 – 200 | mg/dL |
| Bleeding time | 2.5 - 7 | min. | Triglyceride | 50 – 150 | mg/dL |
| Venous (Whole blood) clotting time | 5 - 15 | min. | HDL-Cholesterol | 35 - 100 | mg/dL |
| Activated partial thromboplastin time (aPTT) | 22 - 30 | sec. | LDL-Cholesterol | 70 - 160 | mg/dL |
| Prothrombin time (PT) | 10 - 13 | sec. | Arterial blood gases | | |
| | | | pH | 7.35 – 7.45 | |
| | | | pCO ₂ | 35 - 45 | mmHg |
| | | | pO ₂ | 80 – 100 | mmHg |
| | | | HCO ₃ | 21 - 34 | mEq/L |
| Thyroid Function | | | Others | | |
| T3 | 80 – 180 | ng/dL | Glucose | 70-100 | mg/dL |
| T4 | 4.5 – 11.7 | μg/dL | HbA1C | 4.8 – 6.0 | % |
| TSH | 0.3 – 3.04 | mU/L | Calcium (total) | 8.1 – 10.4 | mg/dL |
| Free T3 | 2.3 – 4.2 | pg/mL | Phosphorus | 2.2 – 5.0 | mg/dL |
| Free T4 | 0.9 – 1.9 | ng/dL | Magnesium | 1.9 – 2.6 | mg/dL |
| Serology | | | Uric acid | 2.4 – 7.0 | mg/dL |
| Anti-microsomal antibody | <1:100 | | CPK | 20 – 195 | U/L |
| Prostate specific antigen (PSA) | 0 – 4 | ng/mL | Amylase | 0 – 220 | U/L |
| Cerebrospinal fluid | | | Lipase | 30 – 190 | U/L |
| Sugar | 45 - 80 | mg/dL | Haptoglobin | 30 - 200 | mg/dL |
| Protein | 15 - 45 | mg/dL | LDH | 225 - 450 | U/L |
| Cell (mostly lymphocyte) | 0 - 5 | /mL | | | |