



Complete Blood Count (CBC)

- **RED BLOOD CELLS:** DIAGNOSE ANEMIA OR OTHER DISORDERS THAT INFLUENCE RED BLOOD CELLS
- **HEMOGLOBIN:** ENABLES THE CELLS TO TRANSPORT OXYGEN AND CARBON DIOXIDE IN THE BLOOD
- **HEMATOCRIT:** DETERMINING ANEMIA, THE EXISTENCE OF LIVER ILLNESS, BLEEDING DISORDERS
- **MEAN CORPUSCULAR VOLUME (MCV):** MEASUREMENT OF THEIR TYPICAL SIZE
- **MEAN CORPUSCULAR HEMOGLOBIN (MCH):** CALCULATION OF THE AMOUNT OF OXYGEN-CARRYING HEMOGLOBIN INSIDE YOUR RED BLOOD CELLS
- **MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION (MCHC):** PERCENTAGE OF OXYGEN-CARRYING HEMOGLOBIN IN EACH RED BLOOD CELL
- **RED CELL DISTRIBUTION WIDTH (RDW):** YOUR RED BLOOD CELLS' (RBCS) SIZE VARIATION
- **PLATELETS:** ASSIST IN HALTING BLEEDING AFTER AN INJURY.
- **MEAN PLATELET VOLUME:** WITH BLEEDING PROBLEMS, HEART DISEASE, DIABETES, AND INFLAMMATORY CONDITIONS
- **WHITE BLOOD CELLS:** THE BODY'S DEFENSE MECHANISM
- **NEUTROPHILS:** A VITAL PART OF THE IMMUNE SYSTEM. THEY REACT TO MANY FORMS OF INFLAMMATION AND BACTERIAL INFECTIONS
- **LYMPHOCYTES:** PROTECT US FROM VIRAL INFECTIONS AND MALIGNANCIES
- **MONOCYTES:** CONSUME FOREIGN INVADERS AND THE DEATH OF INFECTED CELLS
- **EOSINOPHILS:** INCREASES IN ALLERGIC REACTIONS, ASTHMA AND PARASITES
- **BASOPHILS:** CRUCIAL TO THE ALLERGIC REACTION.

Comprehensive Metabolic Panel (CMP)

- **GLUCOSE:** THE PRIMARY SOURCE OF ENERGY FOR YOUR BODY'S CELLS
- **CALCIUM:** BONE HEALTH, MUSCLE FUNCTION, NERVE TRANSMISSION, AND BLOOD CLOTTING
- **TOTAL PROTEIN:** MEASURES THE AMOUNT OF PROTEIN IN YOUR BLOOD
- **ALANINE AMINOTRANSFERASE:** EVALUATE LIVER FUNCTION
- **ASPARTATE AMINOTRANSFERASE:** CHECKS FOR LIVER, CARDIAC, AND SKELETAL MUSCLE DAMAGE
- **ALKALINE PHOSPHATASE:** CHECK FOR LIVER AND BONES
- **BILIRUBIN:** PRODUCED WHEN HEMOGLOBIN IN YOUR RED BLOOD CELLS BREAKS DOWN
- **BLOOD UREA NITROGEN:** ASSESS KIDNEY FUNCTION AND OVERALL NITROGEN METABOLISM IN THE BODY
- **CREATININE:** PROVIDES AN ESTIMATE OF HOW WELL YOUR KIDNEYS ARE FILTERING WASTE FROM THE BLOOD
- **ALBUMIN:** DIAGNOSE, EVALUATE, AND WATCH KIDNEY AND LIVER CONDITIONS
- **CARBON DIOXIDE:** PROVIDE IMPORTANT INFORMATION ABOUT YOUR BODY'S ACID-BASE BALANCE AND RESPIRATORY FUNCTION
- **CHLORIDE:** IMPORTANT FOR MAINTAINING PROPER FLUID BALANCE, NERVE FUNCTION, AND ACID-BASE BALANCE

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