

# HEMATOLOGY

## **Complete Blood Count (CBC) with Auto-Differential**

Also Known As: Hemogram

Preparation: No special preparation

Details:

What is a CBC Blood Test?

A Complete Blood Count Panel gives your healthcare provider information about the number, kind, and types of cells present in your blood.

A CBC blood test includes: WBC, RBC, Hemoglobin, Hematocrit, MCV, MCH, MCHC, RDW, Platelet count, Neutrophils, Lymphs, Monocytes, Eos, Basos, Neutrophils (Absolute), Lymphs (Absolute), Monocytes(Absolute), Eos (Absolute), Basos (Absolute), Immature Granulocytes, Immature Grans (Abs).

## **Prothrombin Time (PT) with International Normalized Ratio (INR)**

Also Known As: PT/INR

Preparation: No special Preparation

Details:

What is a PT/INR Test?

A Prothrombin Time test gives your healthcare provider information about the length of time it takes for your blood to clot. It may also give your healthcare provider information about how certain blood thinning medications you might be taking are working.

## **Iron and Total Iron-Binding Capacity (TIBC)**

Also Known As: FE and TIBC, Iron Indices, Iron Profile, UIBC

Preparation: Fasting for 8-10 Hours for best results

What is an Iron and Iron Binding Test?

The Iron and TIBC Blood Test gives your healthcare provider information about iron serum levels and total iron-binding capacity of your blood.

# **BLOOD CHEMISTRY**

## **Comprehensive Metabolic Panel (CMP-14) with eGFR**

Also Known As: CHEM-14, CMP,

Preparation: No special preparation

What is a Comprehensive Metabolic Panel?

The Comprehensive Metabolic Panel is a group of 14 laboratory tests which give information to your healthcare provider about the current status of your liver, kidneys, electrolyte and acid/base balance, blood sugar, and blood proteins. The Estimated Glomerular Filtration Rate (eGFR) is a measure of kidney function.

This test panel includes: Glucose, eGFR, BUN, Creatinine, Bun/Creatinine Ratio, Total Protein, Albumin, Total Globulin, Albumin/Globulin Ratio, Total Bilirubin, Alkaline Phosphatase, Aspartate Aminotransferase (AST or SGOT), Alanine Aminotransferase (ALT or SGPT), Sodium, Potassium, Chloride, Total Carbon Dioxide and Calcium.

## **Lipid Panel**

Also Known As: LP, FLP, Cholesterol Panel, Coronary Risk Panel

Preparation: Fasting for a minimum of 12 hours.

What is a Lipid Panel?

The Lipid Panel gives your healthcare provider information on fats and fat-like substances which are present in your blood.

This test panel includes: Total Cholesterol, High-Density Lipoprotein (HDL), Low-Density Lipoprotein (LDL), Triglycerides, and Very Low-Density Lipoprotein (VLDL).

## **Glucose Serum Test**

Also Known As: Fasting Blood Sugar, Fasting Blood Glucose, Blood Sugar

Preparation: Fasting for 10 – 12 hours required.

What is a Glucose Serum Test?

The Glucose Serum Test gives your healthcare provider information about the amount of glucose in the fluid portion of your blood.

## **Hemoglobin A1c**

Also Known As: Glycohemoglobin, Glycated Hemoglobin, Hb A1c

Preparation: No special preparation required.

What is a Hemoglobin A1c?

The Hemoglobin A1c test gives your healthcare provider information about the average levels of glucose in the blood over an extended period of time (typically two to three months prior to the test).

## **Prostate-Specific Antigen**

Also Known As: PSA Total, Prostate Cancer Screening Lab

Preparation: No special preparation required

What is a Prostate-specific Antigen test?

Prostate -specific antigen is a substance produced by the prostate gland in males. The Prostate-specific Antigen test gives your healthcare provider information about the levels of this antigen present in your blood.

## **Thyroid-Stimulating Hormone**

Also Known As: TSH, Thyrotropin, hTSH

Preparation: No special preparation required.

What is a Thyroid-Stimulating Hormone Test?

Thyroid-stimulating Hormone is a substance used by your body to trigger the thyroid gland to produce hormones which regulate metabolism. The Thyroid-Stimulating Hormone test gives your healthcare provider information about the levels present in your blood.

## **Thyroxine (T4) Free Direct**

Also Known As: T4 Free, Free Thyroxine, Unbound T4

Preparation: No special preparation required

What is a Thyroxine (T4) Free Direct Test?

The Thyroxine (T4) Free test gives your healthcare provider information about thyroid gland function.

### **Vitamin D 25-Hydroxy**

Also Known As: Vit D, Vitamin D, 25-Hydrocalciferol, 25-OH-D, Cholecalciferol Metabolite

Preparation: No special preparation required

What is a Vitamin D 25-Hydroxy Test?

The Vitamin D 25-Hydroxy test gives your healthcare provider information about the level of Vitamin D present in your blood.

### **Vitamin B12**

Also Known As: Cobalamin, Cyanocobalamin, B12, Cobalamin True

Preparation: Fasting for 12 hours is required. ***If you are taking biotin, stop consumption at least 72 hours prior to the specimen collection. Resume as normal after the specimen has been collected.***

Specimens must be drawn before Vitamin B12 therapy is started.

What is a Vitamin B12 Test?

The Vitamin B12 test gives your healthcare provider information about the level of Vitamin B12 present in your blood.

### **Carcinoembryonic Antigen (CEA)**

Also Known As: CEA

Preparation: No special preparation required

What is a Carcinoembryonic Antigen (CEA) test?

The Carcinoembryonic Antigen (CEA) test gives your healthcare provider information about the level of Carcinoembryonic Antigen present in your blood.

# URINE CHEMISTRY

## **Urinalysis, Complete with Microscopic**

Also Known As: U/A, Complete Urinalysis, UA Complete

Preparation: No special preparation required

What is a Urinalysis, Complete with Microscopic Test?

The Urinalysis, Complete with Microscopic Test gives your healthcare provider information about abnormalities in your urine and the health of your urinary tract.

This test includes: Specific Gravity, pH, Color, Appearance, WBC Esterase, Protein, Glucose, Ketones, Occult Blood, Bilirubin, Urobilinogen and Nitrite. Microscopic examination of your sample will be automatically performed. This may include the following results: White Blood Cells (WBC), Red Blood Cells (RBC), Epithelial Cells, Crystals, Casts, Mucus, and Bacteria.

# **MICROBIOLOGY**

## **Influenza A and B – Rapid Test**

Also Known As: Rapid Flu, Directigen Flu, Quickvue Influenza Test

Preparation: No special preparation required

What is an Influenza A and B – Rapid Test?

The Influenza A and B – Rapid Test gives your healthcare provider information about the presence or absence of the influenza virus in a specimen, usually in less than 1 hour. This test utilizes an immunoassay process which is read by an analyzer to produce a positive or negative result.