

**Note: This document does not contain preparation instructions (e.g., fasting protocols). Please review your lab orders for preparation instructions.**

**Comprehensive Metabolic Panel (CMP)**

This panel provides important information about the current status of your kidneys, liver, and electrolyte and acid/base balance as well as your blood sugar and blood proteins. The CMP is used as a broad screening tool to evaluate organ function and check for conditions such as diabetes, liver disease, and kidney disease. It is also ordered to monitor known conditions, such as hypertension, and to monitor patients taking specific medications for any kidney or liver related side effects.

**Lipid Profile**

The lipid profile is a group of tests that are ordered to determine the risk of coronary heart disease. This test includes total cholesterol, HDL-cholesterol (good cholesterol), LDL-cholesterol (bad cholesterol), and triglycerides.

**Complete Blood Count (CBC)**

A CBC is ordered to determine general health status and to screen for and monitor a variety of disorders, such as anemia. It can also determine a person's red blood cell count, white blood cell count, and platelet count.

**Thyroid-Stimulating Hormone (TSH)**

TSH is ordered to screen for and help diagnose thyroid disorders and to monitor hyper- and hypothyroidism.

**T-4 (Thyroxine)**

T-4 is usually ordered when a patient has an abnormal TSH level or when a patient has symptoms of hyper- or hypothyroidism. This test also helps evaluate thyroid gland function.

**Prostate Specific Antigen (PSA)**

This test is to screen men for prostate cancer, to help determine the necessity for a biopsy of the prostate, to monitor the effectiveness of treatment for prostate cancer, and to detect recurrence of prostate cancer. Men 50 and older and those who are at risk for prostate cancer should have this test performed.

**Hemoglobin A1c**

This test is ordered to monitor a person's diabetes, to aid in treatment decisions, and to determine blood sugar control in patients.