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**“C” TESTS**

Test Name	Synonyms	Panels	Clinical Significance
Calcium, Total	Ca	Basic Metabolic Panel (BMP), Comprehensive Metabolic Panel (CMP), Renal Panel	This test is used to screen for, diagnose, and monitor a range of medical conditions
CBC	Complete Blood Count, Hemogram		This test is used to determine your general health status and to screen for, diagnose, or monitor any one of a variety of disease and conditions that affect blood cells (e.g., anemia, infection, inflammation, bleeding disorders, cancers)
CBC with Automated Differential			This test is used to determine your general health status and to screen for, diagnose, or monitor any one of a variety of disease and conditions that affect blood cells (e.g., anemia, infection, inflammation, bleeding disorders, cancers)
C-difficile Toxin, Stool			This test is used to detect the presence of toxins produced by Clostridium difficile in stool.
Chlamydia trachomatis PCR	CT	CT/NG panel	A qualitative in vitro real-time PCR test for the automated detection of Chlamydia trachomatis (CT) to aid in the diagnosis of chlamydial disease in the urogenital tract and extragenital sites (pharynx and rectum).
Chloride	Cl	Basic Metabolic Panel (BMP), Comprehensive Metabolic Panel (CMP), Electrolyte Panel, Renal Panel	This test is used to determine if there is a problem with your body's electrolyte balance or acid-base (pH) balance and to monitor treatment. This test may also be used as part of a routine health checkup
Cholesterol, Total		Lipid Panel	This test is used to screen for risk of developing heart disease and/or to monitor the effectiveness of lipid-lowering therapy
Cortisol			This test is used to help diagnose Cushing syndrome or primary or secondary adrenal insufficiency (Addison disease), and/or to detect conditions affecting the pituitary or adrenal glands
C-Reactive Protein	CRP		This test is used to identify the presence of inflammation and to monitor response to treatment for an inflammatory disorder

Creatine Kinase	CK		This test is used to detect and monitor muscle damage and/or to help diagnose conditions associated with muscle damage
Creatinine, Serum	Creat, Blood Creatinine	Basic Metabolic Panel (BMP), Comprehensive Metabolic Panel (CMP), Renal Panel	This test is used to evaluate the health of your kidneys, to help diagnose kidney disease, and/or to monitor treatment for kidney disease