



HORMONE PANEL

Used to evaluate for symptom causing hormonal imbalances

Testosterone Free and Total: Total testosterone is a measure of the total amount of testosterone in the blood, including both free and bound testosterone. Free testosterone is the concentration of testosterone in the blood that is not attached to proteins. Your body uses free testosterone molecules to regulate metabolism and other cellular functions.

SHBG: Sex hormone-binding globulin (SHBG) is a glycoprotein that transports androgens and estrogens in the blood. SHBG levels fluctuate throughout life, and are influenced by metabolic and hormonal factors, age, puberty, obesity, and dietary factors.

Estradiol (E2): An estradiol test measures the level of the hormone estradiol in the bloodstream, which plays a crucial role in female reproductive organs and secondary sexual characteristics.

FSH: FSH is a test for follicle stimulating hormone. This test is used to determine menopause, Polycystic ovarian syndrome, and abnormal bleeding in women.

LH: Measures the amount of luteinizing hormone in your blood. This test is used to determine ovulation and is an important hormone in sexual development and sexual function.

TSH: Measures thyroid stimulating hormone.

T4 Total: Measures the amount of thyroxine in the blood. A low level can mean hypothyroid, high level can mean hyperthyroidism.

T3 Free: Measures the level of triiodothyronine in the blood, it is another test that is used in the diagnosis of hypo or hyperthyroidism.

T3 Reverse : Reverse T3 (rT3) is a metabolically inactive form of thyroid hormone and a byproduct of thyroid hormone metabolism.

PSA Total (male only): The PSA test measures the amount of prostate-specific antigen (PSA) in your blood. PSA is a protein produced by both cancerous and noncancerous tissue in the prostate, a small gland that sits below the bladder in males.

CBC: A Complete Blood count is used to assess your overall health.

CMP: The Comprehensive Metabolic panel gives information about your glucose level, electrolyte levels, and the health of your liver and kidneys.

Prolactin: Measures the amount of prolactin in your blood. Prolactin is a hormone produced by the pituitary gland.