

MALE HORMONE MODULATING PROFILE

This profile assesses the need for, or effectiveness of, hormone modulation. The following tests are included in this profile: Male Panel Test, Progesterone, FSH, LH and TSH.

Please Note: This panel requires a fasting blood level; therefore, a 12-hour fast is required before the collection of a blood sample

- **Male Panel Test**

This comprehensive panel is used to evaluate male health status. The following tests are included in this panel: Chemistry panel, CBC, Free testosterone, Total Testosterone, DHEA-s, PSA, Estradiol, Homocysteine, and cardiac CRP. (Note: for more information see description listed under Male Panel Test)

- **Progesterone**

This test is used to establish the presence of progesterone and 17- β -hydroxyprogesterone, considered weak androgens. Increased levels are found in congenital adrenal hyperplasia due to 21-hydroxylase, 17-hydroxylase, and 11- β -hydroxylase deficiency. Levels are decreased in primary or secondary hypogonadism.

- **FSH and LH (Follicle-Stimulating Hormone and Luteinizing Hormone)**

This test is integral in the evaluation of suspected gonadal failure.

- **Thyroid Stimulating Hormone**

This is a function test of thyroid disease to differentiate between primary and secondary hypothyroidism. Some doctors believe that any TSH over 2.0 should be considered suspect for sub-clinical hypothyroidism if symptoms are present.

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