

Male Life Extension Panel

 Featured Video

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

- **Chemistry Panel/CBC**

This panel is a comprehensive blood evaluation consisting of 35 tests (see description listed under Chemistry Panel/CBC)

- **Free Testosterone**

This test is used to evaluate function in clinical states where the testosterone binding proteins may be altered (obesity, cirrhosis, thyroid disorders).

- **Testosterone, Total**

This test is used to evaluate gonadal and adrenal function. It is also helpful in diagnosing hypogonadism, hypopituitarism, Klinefelter's syndrome and impotence.

- **Dehydroepiandrosterone (DHEA) Sulfate**

This test is used to identify the source of excessive androgen (hirsutism and/or virilization), and in the identification of adrenocortical disease including congenital adrenal hyperplasia and adrenal tumors.

- **Prostate-Specific Antigen (PSA)**

PSA is produced by normal, hyperplastic, and cancerous prostatic tissue. Serum PSA has been found to be the most sensitive marker for monitoring individuals with prostate cancer and to enhance efficacy in monitoring progression of disease and response to therapy.

- **Estradiol**

This test is used to assess hypothalamic and pituitary functions. In males it is helpful in the assessment of gynecomastia or feminization syndromes.

- **Homocysteine**

Homocysteine has been shown to be an independent risk factor for the premature development of coronary artery disease and thrombosis. This test is intended for use in screening individuals who may be at risk for heart disease and stroke. Studies have shown that even moderate levels of homocysteine pose an increased risk for arteriosclerosis compared with the lowest 20th percentile (<7.2 $\mu\text{mol/L}$) of population controls.

- **C-reactive protein (Cardiac) (High sensitivity)**

This test is used to assess risk of cardiovascular and peripheral vascular disease

The blood test services are for informational purposes only. It is not the intention of National Diagnostics, Inc and Life Extension to provide specific medical advice but rather to provide users with information to better understand their health. Specific medical advice including diagnosis and treatment will not be provided. Always seek the advice of a trained health professional for medical advice, diagnosis or treatment.

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