NUTRIPATH

Hormone Health

MALE HORMONE PROFILE (SERUM) - Test Code 1110

Turnaround Time: 2 business days

Specimen Type: 1x SST Blood

Description

The Male Hormone Profile test provides a comprehensive assessment of key hormones, including DHEAS E2, SHBG, Testosterone, and calculated free Testosterone Albumin. As men age, testosterone levels decline at a rate of approximately 10% per decade starting around the age of 30. This gradual reduction contributes to a condition known as andropause or androgen deficiency of the aging male (ADAM) (Ashghali-Farahani et al., 2021). The symptoms of ADAM are wide-ranging and can significantly impact quality of life, encompassing somatic, sexual, and psychological changes (Ashghali-Farahani et al., 2021).

Low testosterone levels may lead to reduced muscle mass, decreased bone mineral density (BMD), increased risk of cardiovascular diseases, lowered libido, and symptoms of depression (Ashghali-Farahani et al., 2021). Additionally, older males often experience an increase in estradiol, which can result in gynecomastia (enlarged breast tissue), increased body fat, and a heightened risk of prostate cancer (Ashghali-Farahani et al., 2021).

It is essential to diagnose and treat androgen deficiencies to improve overall well-being and prevent age-related health declines. Serum testing is the conventional method for measuring these hormones, providing a snapshot of hormone levels.

Whats included?

- DHEAS
- E2
- SHBG
- Testosterone
- Calculated Free Testosterone
- Albumin

Conditions and Symptoms

- Muscle tone and bone loss
- Low libido
- Depression and other mood disorders
- Obesity
- Poor memory
- General aches and pains
- Fatigue

Complementary Testing

- Cortisol Profile (Test code 1102)
- Thyroid Profile - Extensive (Test code 1114)

Accreditations Include:

- NATA ISO 15189 – Requirements for Quality and Competence in Medical Laboratories*
- CLIA – Clinical Laboratories Improvement Amendments*

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For more information scan the QR code

*See NATA and CLIA website for further details