



## MALE HORMONE PROFILE EXTENSIVE - Test Code 1008



Turnaround Time: 3-5 business days



Specimen Type: 1 x 5ml  
Saliva

### Description

As men age, they typically experience a decline in testosterone levels, decreasing at an approximate rate of 10% per decade from the age of 30. This gradual reduction, known as andropause or androgen deficiency in aging males (ADAM), can lead to various health challenges (Ashghali-Farahani et al., 2021).

Symptoms of ADAM can significantly affect an individual's quality of life and include reduced muscle mass, decreased bone mineral density (BMD), heightened risk of cardiovascular diseases, lowered libido, depression, and an overall decline in wellbeing (Ashghali-Farahani et al., 2021). Early recognition of these symptoms through appropriate testing is vital for facilitating timely interventions and improving health outcomes (Ashghali-Farahani et al., 2021).

The extensive panel includes an additional androgen marker, Androstenedione. Androstenedione plays a crucial role as a precursor hormone for both oestrogen and testosterone (Nunes et al., 2022). It is an intermediary hormone between DHEA and sex hormones, aiding in the evaluation of adrenal function and identifying hormonal imbalances. While serum measurements reflect both bound and unbound hormones, salivary samples exclusively detect free (unbound), biologically active hormones, providing a clearer picture of hormone levels in the body.

### Whats included?

- DHEAS
- E1, E2
- Testosterone
- Androstenedione
- Ratios

### Conditions and Symptoms

- Depression and other mood disorders
- Low muscle tone & muscle aches
- Low libido
- Fatigue
- Obesity
- Poor memory
- Thinning skin and hair loss
- General aches & pains

### Complementary Testing

- Cortisol Profile (Test code 1003)
- 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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\*See NATA and CLIA website for further details