



THYROID PROFILE BASIC - Test Code 1113



Turnaround Time: 3-5 business days



Specimen Type: 1x SST
Blood

Description

Thyroid disorders are among the most common hormone-related conditions, impacting millions globally (Feldt-Rasmussen et al., 2024). Thyroid hormones are essential for regulating metabolism, growth, and development (Feldt-Rasmussen et al., 2024). Hypothyroidism, or an underactive thyroid, is the most prevalent thyroid disorder. Individuals at higher risk include postpartum women, the elderly, those with autoimmune conditions (such as type 1 diabetes or celiac disease), and individuals with genetic conditions like Down's or Turner's syndrome (Feldt-Rasmussen et al., 2024). Hypothyroidism is often associated with other health issues, such as high blood pressure, heart disease, and infertility (Feldt-Rasmussen et al., 2024).

Hyperthyroidism, or an overactive thyroid, is less common and characterised by symptoms like rapid heartbeat, anxiety, weight loss, and increased sensitivity to heat (Kravets, 2016). Autoimmune thyroid diseases, such as Graves' disease, are common causes of hyperthyroidism and may sometimes cause both overactive and underactive thyroid symptoms depending on immune system effects (Kravets, 2016).

This base test measures key thyroid hormones, including TSH, free T3, and free T4, providing valuable insights into thyroid function. It is an excellent tool for monitoring thyroid health and assessing potential imbalances.

Whats included?

- Thyroid Stimulating Hormone (TSH)
- Free T4
- Free T3

Conditions and Symptoms

- Fatigue
- Weight gain or weight loss
- Cold/ heat intolerance
- Dry skin and hair
- Poor memory
- Anxiety
- Tremors

Complementary Testing

- Urine Elements (Test Code 1509)
- Vitamin D (Test Code 1115)

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