NUTRIPATH

Hormone Health

THYROID PROFILE EXTENSIVE - Test Code 1114

Turnaround Time: 3-5 business days

Specimen Type: 1x SST Blood

Description

The Thyroid Profile Extensive provides a comprehensive assessment of thyroid health by measuring not only the key hormones—TSH, free T3, and free T4—but also additional important markers such as reverse T3 and thyroid antibodies. These markers provide a more in-depth evaluation of thyroid function and the detection of underlying autoimmune thyroid diseases.

Reverse T3 (rT3) is an inactive form of thyroid hormone that can block the action of active T3, leading to symptoms of hypothyroidism despite normal levels of free T3 (Kelly, 2000). Elevated rT3 levels often indicate a body's attempt to reduce metabolism during stress or illness (Kelly, 2000).

Thyroid peroxidase antibodies (TPO Ab) and anti-thyroglobulin antibodies (ATG Ab) are markers used to detect autoimmune thyroid conditions, such as Hashimoto's thyroiditis, where the immune system attacks the thyroid (Johnson et al., 2020). TSH receptor antibodies (TSH Receptor Ab) are typically associated with Graves' disease, a form of hyperthyroidism, and are used to confirm the diagnosis in cases of autoimmune-induced thyroid dysfunction (Casto et al., 2021).

This expanded thyroid panel is vital for diagnosing thyroid dysfunctions, particularly autoimmune thyroid diseases, and monitoring treatment effectiveness.

Whats included?

- Thyroid Stimulating Hormone (TSH)
- Free T3
- Free T4
- Reverse T3 (rT3)
- TPO Ab
- ATG Ab
- TSH Receptor Ab

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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For more information scan the QR code

*See NATA and CLIA website for further details