THYROID ANTIBODIES - Test Code 6105

Turnaround Time: 5 business days

Specimen Type: 1x SST Blood

Description

Thyroid antibodies are key markers in the evaluation of thyroid abnormalities, particularly when autoimmune thyroid disorders are suspected. The presence of these antibodies often indicates an increased likelihood of an autoimmune condition affecting the thyroid, such as Hashimoto's thyroiditis or Graves' disease (Casto et al., 2021). Higher levels of thyroid antibodies suggest a stronger association with autoimmune thyroid disease and rising antibody levels over time may signal increased autoimmune activity (Casto et al., 2021).

Thyroid antibody testing may be recommended when a patient presents with symptoms of thyroid imbalance such as fatigue, weight changes, or a goitre, especially when autoimmune thyroid disease is suspected as the underlying cause (Casto et al., 2021). Thyroid antibodies are critical for identifying autoimmune thyroid disorders and can help differentiate between different types of thyroid dysfunction (Casto et al., 2021).

Monitoring thyroid antibody levels provides valuable insight into the activity of the autoimmune disease, allowing healthcare providers to adjust treatment plans effectively and make informed decisions regarding the patient's care. Regular assessment of these antibodies can also aid in tracking disease progression and response to therapy, ensuring optimal management of thyroid health.

Whats included?

- Anti Thyroglobulin Abs (ATG)
- Thyroid Peroxidase Abs (TPO)
- TSH Receptor Abs (TSI)

Conditions and Symptoms

- Grave's Disease
- Hashimoto's thyroiditis
- Autoimmune disease

Complementary Testing

- Iodine - Random (urinary) (Test code 5015)
- Thyroid Profile Basic (Test code 1113)

Accreditations Include:

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