



DIABETES T1 AUTOIMMUNITY - Test Code 6113



Turnaround Time: 7 business days



Specimen Type: 1x SST
Blood

Description

The Diabetes Type 1 Autoimmunity Profile is a vital test designed to identify specific autoantibodies associated with Type 1 diabetes, an autoimmune condition where the immune system attacks insulin-producing pancreatic beta cells (Kawasaki, 2023). This profile includes the assessment of Islet Antigen 2 (IA-2) autoantibodies and Glutamic Acid Decarboxylase antibodies (GAD Abs), both of which play a significant role in the development of the disease. The presence of these autoantibodies indicates an increased risk for the onset of Type 1 diabetes and can help differentiate autoimmune diabetes from Type 2 diabetes, which often has different underlying mechanisms (Kawasaki, 2023).

Individuals may experience symptoms such as increased thirst, frequent urination, and unexplained weight loss, which can prompt testing for these autoantibodies. Early detection of these autoantibodies is crucial for timely intervention and management, helping to prevent the progression of complications, such as neuropathy, retinopathy, and cardiovascular disease (Kawasaki, 2023). Understanding the results allows for proactive measures in diabetes management, enhancing overall health and well-being, while also fostering a collaborative approach between healthcare providers and patients in managing this chronic condition effectively.

Whats included?

- Islet Antigen 2 (IA-2) Autoantibodies
- Glutamic Acid Decarboxylase Antibodies (GAD Abs)

Conditions and Symptoms

- Increased thirst
- Frequent urination
- Unexplained weight loss
- Extreme hunger
- Fatigue and weakness
- Blurred vision

Complementary Testing

- Insulin Resistance Index (Test code 1109)
- Glycosylated Haemoglobin (HbA1c) (Test code 6006)

Accreditations Include:

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



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