



DIABETES PROFILE - Test Code 1016



Turnaround Time: 7 business days



Specimen Type: 1x SST
Blood

Description

Many Australians live with diabetes, and the prevalence is rising due to increased dietary sugar consumption. The Diabetes Profile includes markers associated with both Type 1 and Type 2 diabetes.

Type 1 Diabetes mellitus (T1D) is a chronic metabolic disorder resulting from insulin deficiency. Insulin is a hormone produced by the beta cells within the pancreas (Akil et al., 2021). In contrast, Type 2 Diabetes mellitus, often referred to as adult-onset diabetes, is characterised by insulin resistance and reactive hypoglycaemia, affecting both adults and children (Artasensi et al., 2020).

The Glycomark analyte monitors blood sugar control by checking for spikes and fluctuations, particularly after meals (Yuan et al., 2021). Assessing C-peptide can differentiate endogenous insulin from injected insulin (Akil et al., 2021). This panel also detects antibodies associated with Type 1 diabetes and autoimmune attacks on the pancreas (Akil et al., 2021).

The Diabetes Profile provides essential insights for managing both Type 1 and Type 2 diabetes by identifying blood sugar patterns, insulin levels, and autoimmune markers, helping to guide effective treatment and support long-term health.

Whats included?

- Glycomark
- Insulin
- C-peptide
- IA-2 Ab
- GAD Ab

Conditions and Symptoms

- Sugar Sensitivity
- Dizziness
- Family History of diabetes
- Obesity
- Inflammation
- Chronic health issues
- Metabolic disorders

Complementary Testing

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

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