



TECO[®] Intact Proinsulin ELISA

When it comes to measuring pancreatic beta cell function, go with the pro.

WHY MEASURE INTACT PROINSULIN?

Proinsulin is synthesized in pancreatic β -cells and secreted as insulin. Insulin resistance (IR) or hyperglycemia causes increased insulin secretion and finally secretion disorder. Intact proinsulin levels in plasma then increase while insulin levels decrease. Elevated fasting intact proinsulin is a specific biomarker for β -cell dysfunction and insulin resistance.

Eliminate the guesswork about what you're measuring.

The TECO[®] Intact Proinsulin ELISA measures intact proinsulin, providing a direct measure of pancreatic β -cell function.

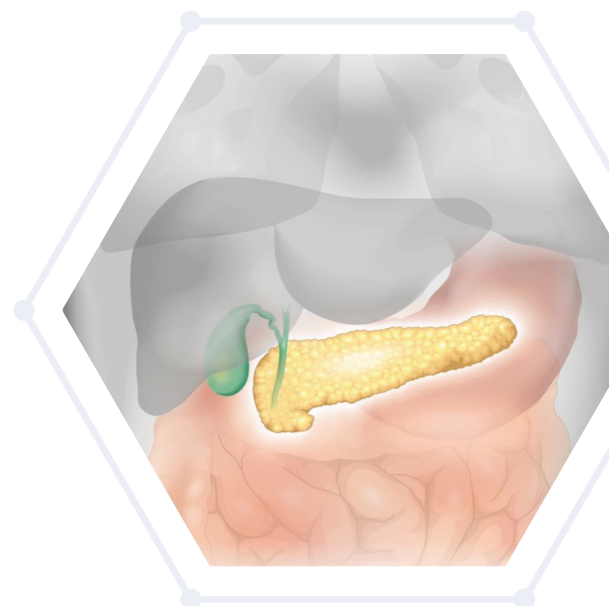
BENEFITS OF THE TECO[®] INTACT PROINSULIN ELISA

- Reliable tool for Diabetes and Metabolic Syndrome research and drug development studies
- Measures intact Proinsulin only
- Intact Proinsulin is a direct measure of pancreatic β -cell function
- Avoid the noise - total proinsulin assays measure intact proinsulin as well as stable cleavage fragments
- Standardized against WHO reference 09/296
- Assay time less than 2.5 hours means fast results - no need for overnight incubation
- Sensitive and specific antibodies
- Available exclusively in North America from DiaPharma

Ordering Information

Item	Catalog #	Packaging #	Method
TECO [®] Intact Proinsulin ELISA	TE1011	Kit/96 tests	ELISA

For research use only in the U.S. and Canada. Not for use in diagnostic procedures.



Leading Expertise in Type 1 Diabetes Research Assays

Type 1 diabetes mellitus (Type 1 DM) is an autoimmune disease resulting in elevated blood sugar levels (hyperglycemia). It typically begins in children and young adults. First symptoms are increased thirst, frequent urination, tiredness and quick weight loss. Presence of diabetes-related autoantibodies can be used to study the appearance of type 1 diabetes even before any hyperglycemia arises.

MEDIPAN ELISAS FROM DIAPHARMA ARE:

- Based on enzymatic (ELISA) detection methods
- Top-scoring in sensitivity and specificity during international blind comparison studies (NEQAS)
- Easy to perform
- Providing reproducible and reliable results

Ordering Information

ELISA Tests	Order No.	Determination
Medizym® anti-GAD	3802	96
Medizym® anti-IA2	3803	96
Medizym® anti-ZnT8	3791	96

It's not just support. It's solutions.

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