

CATALOG# 90105

# INTACT PROINSULIN ELISA KIT

## Catalog number

Intact Proinsulin ELISA Kit.....90105

## Intended use

A high quality enzymatic assay for the quantification of intact proinsulin in serum and plasma.

## Test principle

Crystal Chem's Intact Proinsulin ELISA kit is an ELISA sandwich assay for intact proinsulin and utilizes a specific antibody immobilized onto the microplate wells and an antibody labeled with HRP to achieve an assay specific to intact proinsulin.

## Specifications

<b>Sample Types</b>	Serum and Plasma
<b>Assay Time</b>	2 hours 15 minutes
<b>Range</b>	0.3 - 100 pmol/L
<b>Sample Size</b>	50 µL
<b>Precision</b>	CV < 10 %
<b>Sensitivity</b>	0.3 pmol/L

## Specificity

Intact Proinsulin.....	100%
Insulin.....	0%
C-Peptide.....	0%
32-33 Split Proinsulin.....	5.6%
Des 31-32 Split Proinsulin.....	1.4%

## Highlights

- ✓ Highly specific for intact insulin
- ✓ Highly precise with low CV's
- ✓ Wide dynamic working range
- ✓ Low cost per sample

## Summary of protocol

