

CATALOG# 62300

ULTRA SENSITIVE RAT INSULIN, 2ND GEN ELISA KIT

Catalog number

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Intended use

A high quality enzyme immunoassay for the quantification of rat insulin in serum, plasma, and cell culture.

Test principle

Crystal Chem's Ultra Sensitive Rat Insulin, 2nd Gen ELISA Kit is based on a sandwich enzyme immunoassay using only a 5 µL sample to produce same day results with one intermediate wash step. The kit comes with ready-to-use standards and a streamlined procedure.

Specifications

Sample Types	Serum, Plasma, and Cell Culture
Assay Time	3 h
Range	Range: 0.1 - 13 ng/mL
Sample Size	5 µL
Sensitivity	≤ 0.05 ng/mL
Precision	CV ≤ 10%

Specificity

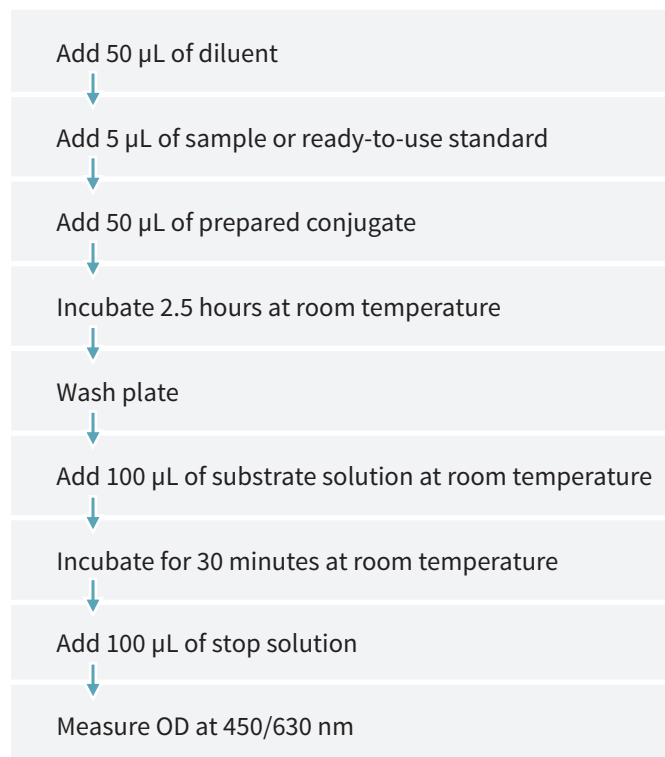
Rat Insulin.....	100%
Rat Proinsulin.....	Not detected*
Rat Leptin.....	Not detected*
Rat C-Peptide.....	Not detected*
Human Insulin.....	Not detected*

*Not detected is ≤ 5%

Highlights

- ✓ Kits use only 5 µL sample
- ✓ Very sensitive (≤ 0.05 ng/mL)
- ✓ Easy to use procedure with only one wash step and all liquid reagents
- ✓ Works with multiple sample types
- ✓ No cross reactivity to rat proinsulin or human insulin

Summary of protocol



See kit insert or email us for a complete protocol.

