

CATALOG# 62100

# ULTRA SENSITIVE MOUSE INSULIN, 2ND GEN ELISA KIT

## Catalog number

Ultra Sensitive Mouse Insulin, 2nd Gen ELISA.....62100

## Intended use

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

## Test principle

Crystal Chem's Ultra Sensitive Mouse 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

<b>Sample Types</b>	Serum, Plasma, and Cell Culture
<b>Assay Time</b>	3 h
<b>Range</b>	Range: 0.09 - 11 ng/mL
<b>Sample Size</b>	5 µL
<b>Sensitivity</b>	≤ 0.05 ng/mL
<b>Precision</b>	CV ≤ 10%

## Specificity

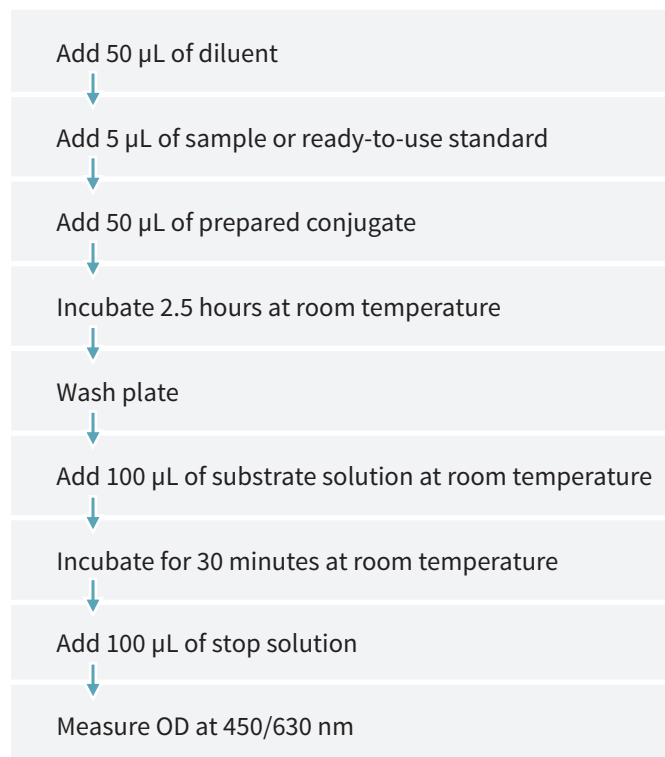
Mouse Insulin.....	100%
Mouse Proinsulin.....	Not detected*
Mouse Leptin.....	Not detected*
Mouse C-Peptide.....	Not detected*
Human Insulin.....	Not detected*

\*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 mouse proinsulin or human insulin

## Summary of protocol



See kit insert or email us for a complete protocol.

