

CATALOG# 90082

# ULTRA SENSITIVE MOUSE INSULIN ELISA KIT

## Catalog number

Ultra Sensitive Mouse Insulin ELISA (10 Pack).....90082

## Intended use

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

## Test principle

Crystal Chem's Ultra Sensitive Mouse Insulin ELISA Kit is based on a sandwich enzyme immunoassay using only a 5 µL sample to produce same day results. The kit can be run using an ultrasensitive low range, wide range, or high range screening method to yield a wide dynamic range with just one kit.

## Specifications

|                     |  |
|---------------------|--|
| <b>Sample Types</b> | Serum, Plasma, and Fluid   |
| <b>Assay Time</b>   | Same Day Procedure   |
| <b>Range</b>        | Low Range: 0.1-6.4 ng/mL<br>Wide Range: 0.1 - 12.8 ng/mL<br>High Range: 1 - 64 ng/mL |
| <b>Sample Size</b>  | 5 µL   |
| <b>Sensitivity</b>  | 0.05 ng/mL   |
| <b>Precision</b>    | CV < 10%   |

## Specificity

Mouseinsulin..... 100%  
Rat Insulin..... 100%\*  
Human IGF-I..... Not detected  
Human IGF-II..... Not detected

\*Can vary from lot to lot. See insert in kit.

## Highlights

- ✓ Kits use only 5 µL sample
- ✓ Very sensitive (0.05 ng/mL)
- ✓ Run different ranges using the same kit
- ✓ Works with multiple sample types
- ✓ Complete the full test in < 3.5 hours

## Summary of protocol



See kit insert or email us for a complete protocol

