

CATALOG# 90060

# ULTRA SENSITIVE RAT INSULIN ELISA KIT

## Catalog number

Ultra Sensitive Rat Insulin ELISA.....90060

## Intended use

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

## Test principle

Crystal Chem's Ultra Sensitive Rat 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 Wide Range: 0.1 - 12.8 ng/mL 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

Rat Insulin..... 100%  
 Mouse 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

