

CATALOG# 90055

# RAT C-PEPTIDE ELISA KIT

## Catalog number

Rat C-Peptide ELISA Kit.....90055

## Intended use

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

## Test principle

Crystal Chem's Rat C-Peptide ELISA kit is an ELISA sandwich assay for rat C-peptide. It utilizes a specific antibody immobilized onto the microplate wells and an antibody labeled with HRP enzyme to achieve an assay specific to C-peptide.

## Specifications

<b>Sample Types</b>	Serum, Plasma, and Fluid
<b>Assay Time</b>	2.5 hours
<b>Range</b>	0.1 - 6.4 ng/mL
<b>Sample Size</b>	5 µL
<b>Sensitivity</b>	100 pg/mL
<b>Precision</b>	CV < 10%

## Specificity

Rat C-Peptide I.....	80%*
Rat C-Peptide II.....	120%*
Mouse C-Peptide I.....	100%*
Mouse C-Peptide II.....	100%*
Human C-Peptide.....	Not detected

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

## Highlights

- ✓ Kits use only 5 µL sample
- ✓ Very sensitive (100 pg/mL)
- ✓ Highly specific to mouse C-peptide
- ✓ No reactivity to human C-peptide

## Summary of protocol



See kit insert or email us for a complete protocol

