

CATALOG# 90050

MOUSE C-PEPTIDE ELISA KIT

Catalog number

Mouse C-Peptide ELISA Kit.....90050

Intended use

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

Test principle

Crystal Chem’s Mouse C-Peptide ELISA kit is an ELISA sandwich assay for mouse 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

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

Specificity

Mouse C-Peptide I.....	100%*
Mouse C-Peptide II.....	100%*
Rat C-Peptide I.....	80%*
Rat C-Peptide II.....	120%*
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

