

CATALOG# 90030

MOUSE LEPTIN ELISA KIT

Catalog number

Mouse Leptin ELISA Kit.....90030

Intended use

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

Test principle

Crystal Chem’s Mouse Leptin ELISA kit is an ELISA sandwich assay for mouse leptin. It utilizes a specific antibody immobilized onto the microplate wells and an antibody labeled with HRP enzyme to achieve a specific assay.

Specifications

Sample Types	Serum, Plasma, and Fluid
Assay Time	Overnight
Range	0.2 - 12.8 ng/mL
Sample Size	5 µL
Sensitivity	200 pg/mL
Precision	CV < 10%

Specificity

Mouse Leptin.....	100%
Rat Leptin	100%*
Human Leptin	40%*
Mouse Insulin.....	Not detected
Rat C-Peptide.....	Not detected
Glucagon (1-29 or 1-37).....	Not detected
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 (200 pg/mL)
- ✓ Highly specific to mouse leptin
- ✓ Wide dynamic working range

Summary of protocol



See kit insert or email us for a complete protocol

