

CATALOG# 90040

RAT LEPTIN ELISA KIT

Catalog number

Rat Leptin ELISA Kit.....90040

Intended use

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

Test principle

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

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

Rat Leptin.....100%
 Mouse Leptin100%*
 Human Leptin40%*
 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 rat leptin
- ✓ Wide dynamic working range

Summary of protocol



See kit insert or email us for a complete protocol

