

CATALOG# 80570

RAT ADIPONECTIN ELISA KIT

Catalog number

Rat Adiponectin ELISA Kit.....80570

Intended use

A high quality enzymatic assay for the quantification of mouse adiponectin in serum, plasma, and fluid.

Test principle

Crystal Chem's Rat Adiponectin ELISA kit is an ELISA sandwich assay for mouse adiponectin. The adiponectin in the mouse samples binds to the first antibody coated on the microtiter plate. In the following step, the second specific antibody binds in turn to the immobilized adiponectin. The second antibody is biotinylated and forms a complex with a streptavidin-peroxidase-enzyme conjugate. In the closing substrate reaction, the adiponectin levels of the samples can be measured by color intensity.

Specifications

Sample Types	Serum, Plasma, and Fluid
Assay Time	2.5 hours
Range (Serum)	0.25 - 10 ng/mL
Sample Size	5 µL
Precision	CV < 10 %
Sensitivity	0.08 ng/mL

Highlights

- ✓ Kits use only 5 µL sample
- ✓ Wide dynamic range
- ✓ High sensitivity (8 pg/mL)
- ✓ Low cost per sample

Summary of protocol

