

CATALOG# 80684

RAT KIDNEY INJURY MOLECULE-1 ELISA KIT

Catalog number

Rat Kidney Injury Molecule-1 (KIM-1) ELISA.....80684

Intended use

A high quality enzyme immunoassay for the quantification of rat KIM-1 in serum, plasma, and urine.

Test principle

Crystal Chem's Rat Kidney Injury Molecule-1 (KIM-1) ELISA kit is a sandwich ELISA. An unknown amount of KIM-1 present in the sample binds with antibodies bound to the surface of the microplate. After washing to remove unbound proteins, HRP labeled antibodies are added and form a complex on the surface. After another wash step, a substrate is added, and the concentration of KIM-1 is measured based color intensity.

Specifications

Sample Types	Serum, Plasma and Urine
Assay Time	2 hours 50 minutes
Range	0.1 - 10 ng/mL
Sample Size	50 µL
Sensitivity	0.039 ng/mL
Precision	CV < 10%

Highlights

- ✓ Kits use only 50 µL sample
- ✓ Very sensitive (0.04 ng/mL)
- ✓ Optimized for rat samples
- ✓ Complete assay in < 3 hours

Summary of protocol

