

CATALOG# 80652

MOUSE KIDNEY INJURY MOLECULE-1 ELISA KIT

Catalog number

Mouse Kidney Injury Molecule-1 (KIM-1) ELISA.....80652

Intended use

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

Test principle

Crystal Chem's Mouse 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 40 minutes
Range	0.078 - 5 ng/mL
Sample Size	35 μ L
Sensitivity	0.05 ng/mL
Precision	CV < 10%

Highlights

- ✓ Kits use only 35 μ L sample
- ✓ Very sensitive (0.05 ng/mL)
- ✓ Optimized for mouse samples
- ✓ Complete the full test in < 3 hours

Summary of protocol

