

Mouse Kim-1 ELISA Kit | Kim-1 elisa kit

Kim-1 Mouse ELISA Kit

CATALOG # AAA13514	REACTIVITY Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Kim-1; Kim-1 Mouse ELISA Kit; Mouse Kim-1; Kim-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Mouse serum, plasma, urine, cell culture supernatant or tissue samples
Detection Range	31.2 pg/ml - 2000 pg/ml
Applicable Applications for Kim-1 elisa kit	ELISA
Application Notes	For quantitative detection of KIM-1 in Mouse serum, plasma, urine, cell culture supernatant or tissue samples.
Preparation and Storage	Store at 2-8 degree C for 6 months.

IMAGES

Typical Data & Standard Curve
Results of a typical standard run of a Mouse KIM-1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	Pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.075	0.116	0.153	0.226	0.372	0.650	1.214	2.237

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Kim-1 elisa kit	Background: KIM1, also known as Hepatitis A virus cellular receptor 1, is a protein that in Mouses is encoded by the HAVCR1 gene, which maps to 5q33.2. It is a major cause of orally transmitted acute hepatitis, infects primate cells, but not dog or rat cells, after binding to the HAV cellular receptor (HAVCR). Infection of canine osteogenic sarcoma cells expressing HAVCR1 with HAV led Feigelsstock et al. (1998) to conclude that the protein is indeed a receptor for the virus. Khademi et al. (2004) found that differential expression of TIMs by Th1 and Th2 cells may be implicated in different phases of an autoimmune disease. Principle of the Assay: This kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. The purified anti-KIM-1 antibody was pre-coated onto 96-well plates. And the HRP conjugated anti-KIM-1 antibody was used as detection antibodies. The standards, test samples and HRP conjugated detection antibody were added to the wells subsequently, mixed and incubated, then, unbound conjugates were washed away with wash buffer. TMB substrates (A & B) were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the KIM-1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of KIM-1 can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2665892
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/kim-1/13514>