

Monkey Kidney Injury Molecule 1 ELISA Kit | KIM1 elisa kit

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CATALOG #
AAA93447

REACTIVITY
Monkey

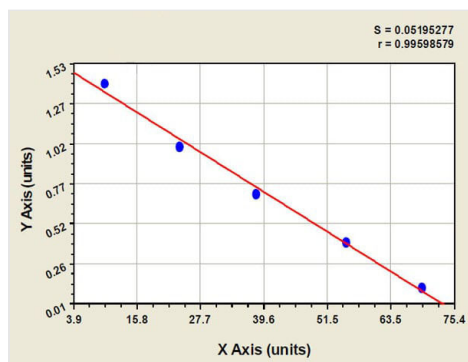
PRODUCT SYNONYMS

Kidney Injury Molecule 1; Monkey Kidney Injury Molecule 1 ELISA Kit; KIM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This KIM1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey KIM1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KIM1 elisa kit

Principle of the Assay: KIM1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-KIM1 antibody and an KIM1-HRP conjugate. The assay sample and buffer are incubated together with KIM1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the KIM1 concentration since KIM1 from samples and KIM1-HRP conjugate compete for the anti-KIM1 antibody binding site. Since the number of sites is limited, as more sites are occupied by KIM1 from the sample, fewer sites are left to bind KIM1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The KIM1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	145904617
Molecular Weight	29,575 Da
NCBI Official Full Name	kidney injury molecule 1
UniProt Protein Name	Kidney injury molecule 1
UniProt Gene Name	havcr1
UniProt Synonym Gene Names	kim1; zgc:92647
UniProt Entry Name	Q6DH50_DANRE

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/kim1-monkey-elisa-kits/kidney-injury-molecule-1/93447>