

Human KIM-1 ELISA Kit | KIM-1 elisa kit

Human KIM-1 (Kidney Injury Molecule 1) ELISA Kit

CATALOG #
AAA165314

REACTIVITY
Human

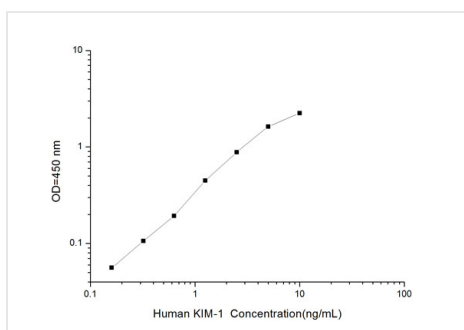
PRODUCT SYNONYMS

KIM-1; Human KIM-1 (Kidney Injury Molecule 1) ELISA Kit; KIM-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human KIM-1. No significant cross-reactivity or interference between Human KIM-1 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human KIM-1 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	307
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KIM-1 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of KIM-1 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human KIM-1. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human KIM-1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human KIM-1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human KIM-1. You can calculate the concentration of Human KIM-1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2665892
Molecular Weight	33,964 Da
NCBI Official Full Name	kidney injury molecule-1
UniProt Protein Name	Hepatitis A virus cellular receptor 1 homolog
UniProt Gene Name	Havcr1
UniProt Synonym Gene Names	Kim1; HAVcr-1; KIM-1; TIMD-1
UniProt Entry Name	HAVR1_RAT

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/human-elisa-kits/kim-1/165314>