

Human Kidney injury molecule 1, Kim-1 ELISA Kit | Kim-1 elisa kit

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CATALOG #
AAA15032

REACTIVITY
Human

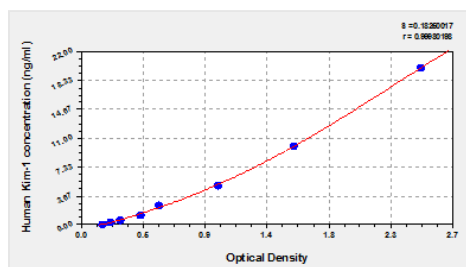
PRODUCT SYNONYMS

Kidney injury molecule 1; Kim-1; Human Kidney injury molecule 1; Kim-1 ELISA Kit; HAVCR; HAVCR-1; KIM-1; KIM1; TIM-1; TIM1; TIMD1; T cell immunoglobulin domain and mucin domain protein 1; kidney injury molecule 1; 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.
Sequence Length	364
Samples	Serum, urine, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	< 0.043 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Kim-1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for Kim-1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Kim-1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Kim-1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Kim-1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153085429
NCBI GeneID	26762
NCBI Accession #	NP_001092884.1
NCBI GenBank Nucleotide #	NM_001099414.1
UniProt Accession #	Q96D42; O43656
Molecular Weight	38,720 Da
NCBI Official Full Name	hepatitis A virus cellular receptor 1
NCBI Official Synonym Full Names	hepatitis A virus cellular receptor 1
NCBI Official Symbol	HAVCR1
NCBI Official Synonym Symbols	TIM; KIM1; TIM1; HAVCR; KIM-1; TIM-1; TIMD1; TIMD-1; HAVCR-1
NCBI Protein Information	hepatitis A virus cellular receptor 1; kidney injury molecule 1; T-cell membrane protein 1; T-cell immunoglobulin mucin receptor 1; T-cell immunoglobulin mucin family member 1; T cell immunoglobulin domain and mucin domain protein 1
UniProt Protein Name	Hepatitis A virus cellular receptor 1
UniProt Gene Name	HAVCR1
UniProt Synonym Gene Names	KIM1; TIM1; TIMD1; HAVcr-1; KIM-1; TIMD-1; TIM; TIM-1
UniProt Entry Name	HAVR1_HUMAN

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.