

Dog kidney injury molecule 1 (Kim-1) ELISA Kit | Kim-1 elisa kit

Canine kidney injury molecule 1, Kim-1 ELISA Kit

CATALOG #
AAA15669

REACTIVITY
Dog

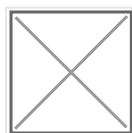
PRODUCT SYNONYMS

kidney injury molecule 1 (Kim-1); Canine kidney injury molecule 1; Kim-1 ELISA Kit; Canine kidney injury molecule 1 (Kim-1) ELISA Kit; Kim-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of human KHK. No significant cross-reactivity or interference between human KHK and analogues was observed.
Sequence Length	307
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates
Assay Type	Quantitative Sandwich
Detection Range	18.75 mU/ml-1200 mU/ml
Sensitivity	4.68 mU/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 KHK has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any KHK present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for KHK 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 KHK bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[2665892](#)

UniProt Accession #	O54947
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/dog-elisa-kits/kidney-injury-molecule-1-kim-1/15669>