

Human hepatitis A virus cellular receptor 2 ELISA Kit | HAVCR2 elisa kit

Human Hepatitis A virus cellular receptor 2, HAVCR2 ELISA Kit

CATALOG #
AAA113083

REACTIVITY
Human

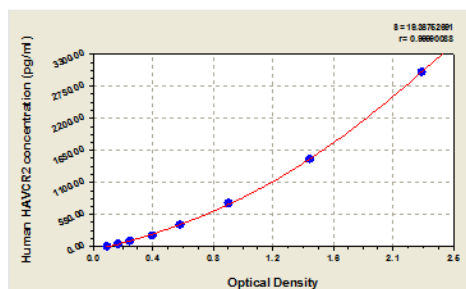
PRODUCT SYNONYMS

hepatitis A virus cellular receptor 2; Human Hepatitis A virus cellular receptor 2; HAVCR2 ELISA Kit; Human Hepatitis A virus cellular receptor 2 (HAVCR2) ELISA kit; FLJ14428; KIM-3; TIM3; TIMD3; Tim-3; T cell immunoglobulin mucin 3; T cell immunoglobulin mucin-3; kidney injury molecule-3; HAVCR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human HAVCR2. No significant cross-reactivity or interference between human HAVCR2 and analogues was observed.
Sequence Length	301
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	47 pg/ml -3000 pg/ml.
Sensitivity	The minimum detectable dose of human HAVCR2 is typically less than 11.75 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 HAVCR2 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for HAVCR2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HAVCR2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HAVCR2 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 HAVCR2 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 #	49574534
NCBI GeneID	84868
NCBI Accession #	NP_116171.3
NCBI GenBank Nucleotide #	NM_032782.4
UniProt Accession #	Q8TDQ0; Q8WW60; Q96K94; B2RAY2
Molecular Weight	33,394 Da
NCBI Official Full Name	hepatitis A virus cellular receptor 2
NCBI Official Synonym Full Names	hepatitis A virus cellular receptor 2
NCBI Official Symbol	HAVCR2
NCBI Official Synonym Symbols	TIM3; KIM-3; TIMD3; Tim-3; TIMD-3; HAVcr-2
NCBI Protein Information	hepatitis A virus cellular receptor 2; kidney injury molecule-3; T-cell membrane protein 3; T cell immunoglobulin mucin 3; T cell immunoglobulin mucin-3; T-cell immunoglobulin mucin receptor 3; T-cell immunoglobulin mucin family member 3; T-cell immunoglobulin and mucin domain-containing protein 3
UniProt Protein Name	Hepatitis A virus cellular receptor 2
UniProt Gene Name	HAVCR2
UniProt Synonym Gene Names	TIM3; TIMD3; HAVcr-2; TIMD-3; TIM-3
UniProt Entry Name	HAVR2_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.