

TIM-1/KIM-1 ELISA Pair Set | HAVCR1 elisa pair set

TIM-1/KIM-1 Matched ELISA Antibody Pair Set, Mouse

CATALOG #
AAA257393

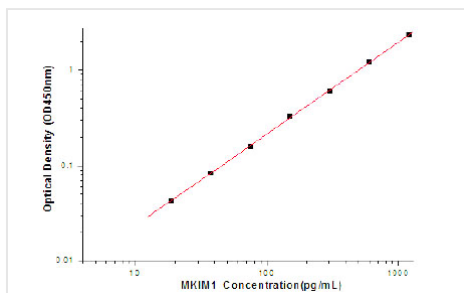
PRODUCT SYNONYMS

TIM-1/KIM-1; TIM-1/KIM-1 Matched ELISA Antibody Pair Set; Mouse; Mouse TIM-1/KIM-1/HACVR ELISA Pair Set; hepatitis A virus cellular receptor 1; AI503787 Matched ELISA Antibody Pair Set; KIM-1 Matched ELISA Antibody Pair Set; TIM-1 Matched ELISA Antibody Pair Set; Tim1 Matched ELISA Antibody Pair Set; Timd1 Matched ELISA Antibody Pair Set; HAVCR1 elisa pair set

PRODUCT SPECIFICATIONS

Assay Type	Quantitative Sandwich
Preparation and Storage	Capture Antibody: Aliquot and store at -20 degree C to -80 degree C for up to 6 months from date of receipt. Avoid repeated freeze-thaw cycles. Detection Antibody: Store at 4 degree C and protect it from prolonged exposure to light for up to 6 months from date of receipt. DO NOT FREEZE! Standard: Store lyophilized standard at -20 degree C to -80 degree C for up to 6 months from date of receipt. Aliquot and store the reconstituted Standard at -80 degree C for up to 1 month. Avoid repeated freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HAVCR1 elisa pair set	Intended Uses: The Mouse TIM-1 / KIM-1 / HACVR ELISA Pair Set is for the quantitative determination of Mouse TIM-1 / KIM-1 / HACVR. This ELISA Pair Set contains the basic components required for the development of sandwich ELISAs. Principle of the Assay: The Mouse TIM-1 / KIM-1 / HACVR ELISA Pair Set is for the quantitative determination of Mouse TIM-1 / KIM-1 / HACVR. The ELISA Pair Set is a solid phase sandwich ELISA (Enzyme-Linked Immunosorbent Assay). It utilizes a monoclonal antibody specific for Mouse TIM-1 / KIM-1 / HACVR coated on a 96-well plate. Standards and samples are added to the wells, and any Mouse TIM-1 / KIM-1 / HACVR present binds to the immobilized antibody. The wells are washed and a horseradish peroxidase conjugated rabbit anti-Mouse TIM-1 / KIM-1 / HACVR polyclonal antibody is then added, producing an antibody-antigen-antibody "sandwich". The wells are again washed and TMB substrate solution is loaded, which produces color in proportion to the amount of Mouse TIM-1 / KIM-1 / HACVR present in the sample. To end the enzyme reaction, the stop solution is added and absorbances of the microwell are read at 450 nm. Background/Introduction: Human HAV cellular receptor 1 (HAVCR1), also known as Kidney injury molecule 1 (KIM-1) and T cell immunoglobulin mucin 1 (TIM-1), is a type â... integral membrane glycoprotein. KIM-1 protein is widely expressed with highest levels in kidney and testis. It has been shown to play a major role as a human susceptibility gene for asthma, allergy and autoimmunity. IgA1lambda is a specific ligand of KIM-1 protein and that their association has a synergistic effect in virus-receptor interactions. KIM-1 involves in the pathogenesis of acute kidney injury. It had been confirmed that KIM-1 is a human urinary renal dysfunction biomarker. Moreover, KIM-1 protein is a novel regulatory molecule of flow-induced calcium signaling.
References	Tami C, et al. (2007) Immunoglobulin A (IgA) is a natural ligand of hepatitis A virus cellular receptor 1 (HAVCR1), and the association of IgA with HAVCR1 enhances virus-receptor interactions. J Virol. 81(7): 3437-46. Rees AJ, et al. (2008) Kim-1/Tim-1: from biomarker to therapeutic target? Nephrol Dial Transplant. 23(11): 3394-6. Chaturvedi S, et al. (2009) Assay validation for KIM-1: human urinary renal dysfunction biomarker. Int J Biol Sci. 5(2): 128-34.

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/havcr1-elisa-pair-set/tim-1-kim-1/257393>