

Human TNFRSF14/HVEM ELISA Kit | TNFRSF14/HVEM elisa kit

Human TNFRSF14/HVEM PicoKine Fast ELISA Kit

CATALOG #
AAA125362

REACTIVITY
Human

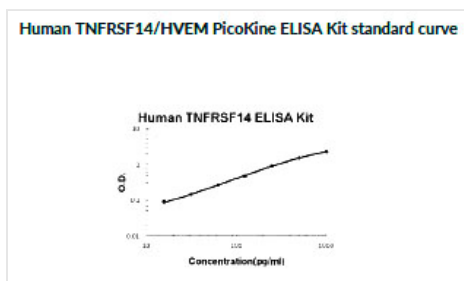
PRODUCT SYNONYMS

TNFRSF14/HVEM; Human TNFRSF14/HVEM PicoKine Fast ELISA Kit; human TNFRSF14; Tumor necrosis factor receptor superfamily member 14; Herpes virus entry mediator A; Herpesvirus entry mediator A; HveA; Tumor necrosis factor receptor-like 2; TR2; CD270; TNFRSF14; HVEA; HVEM; UNQ329/PRO509; Protein Tnfrsf14; TNFRSF14/HVEM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human TNFRSF14
Sequence Length	283
Samples	Cell culture supernates, cell lysates, serum and plasma (heparin, EDTA)
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	<1pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision accross assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNFRSF14/HVEM elisa kit

Principle of the Assay: The Picokine™ Human TNFRSF14 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human TNFRSF14 with a 96-well strip plate that is pre-coated with antibody specific for TNFRSF14. The detection antibody is a biotinylated antibody specific for TNFRSF14. The capture antibody is monoclonal antibody from mouse, the detection antibody is polyclonal antibody from goat. The kit contains recombinant Human TNFRSF14 with immunogen: Expression system for standard: NSO; Immunogen sequence: L39-V202. The kit is analytically validated with ready to use reagents. To measure Human TNFRSF14, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbound ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Human TNFRSF14 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human TNFRSF14 in the sample.!!Background/Introduction: Tumor necrosis factor receptor superfamily member 14(TNFRSF14), also known as HVEM, is a protein that in humans is encoded by the TNFRSF14 gene. The protein encoded by this gene is a member of the TNF-receptor superfamily. It is mapped to 1p36.32. HVEM plays an important role in HSV pathogenesis because it enhanced the entry of several wildtype HSV strains of both serotypes into CHO cells, and mediated HSV entry into activated human T cells. HVEM and BTLA which are form a bidirectional signaling pathway can regulate cell survival and inhibitory responses between interacting cells. HVEM as an important orchestrator of mucosal immunity integrates signals from innate lymphocytes to induce optimal epithelial Stat3 activation, which indicated that targeting HVEM with agonists could improve host defense.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13878821
NCBI GeneID	8764
UniProt Accession #	Q92956
NCBI Official Full Name	Tumor necrosis factor receptor superfamily member 14
NCBI Official Synonym Full Names	TNF receptor superfamily member 14
NCBI Official Symbol	TNFRSF14
NCBI Official Synonym Symbols	TR2; ATAR; HVEA; HVEM; CD270; LIGHTR
NCBI Protein Information	tumor necrosis factor receptor superfamily member 14
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 14
UniProt Gene Name	TNFRSF14
UniProt Synonym Gene Names	HVEA; HVEM; Herpesvirus entry mediator A; HveA; TR2
UniProt Entry Name	TNR14_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/tnfrsf14-hvem/125362>