

Mouse TNFRSF14/HVEM ELISA Kit | TNFRSF14 elisa kit

Mouse TNFRSF14/HVEM PicoKine ELISA Kit

CATALOG #
AAA45832

REACTIVITY
Mouse

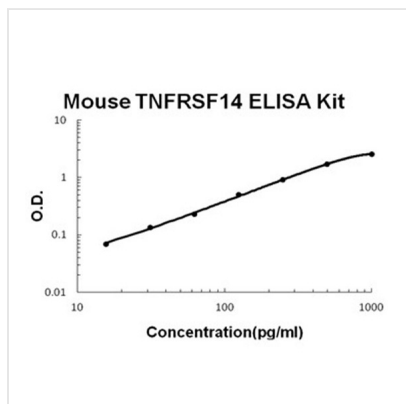
PRODUCT SYNONYMS

TNFRSF14/HVEM; Mouse TNFRSF14/HVEM PicoKine ELISA Kit; Protein Tnfrsf14; tumor necrosis factor receptor superfamily; member 14; CD270; Herpes virus entry mediator A; Herpesvirus entry mediator A; HveA; TNFRSF14; TNFR14_HUMAN; TR2; Tumor necrosis factor receptor superfamily member 14; Tumor necrosis factor receptor-like 2; TNFRSF14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse TNFRSF14
Sequence Length	275
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
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 between 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, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Mouse TNFRSF14/HVEM PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for TNFRSF14 elisa kit	Principle of the assay: mouse TNFRSF14 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for TNFRSF14 has been precoated onto 96-well plates. Standards(CHO, Q29-V207) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for TNFRSF14 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the mouse TNFRSF14 amount of sample captured in plate. Background: 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	81895253
NCBI GeneID	230979
UniProt Accession #	Q80WM9
Molecular Weight	30,171 Da
NCBI Official Full Name	Tumor necrosis factor receptor superfamily member 14
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator)
NCBI Official Symbol	Tnfrsf14
NCBI Official Synonym Symbols	Atar; HveA; Hvem; Tnfrs14
NCBI Protein Information	tumor necrosis factor receptor superfamily member 14; herpes virus entry mediator
UniProt Protein Name	Protein Tnfrsf14
UniProt Gene Name	Tnfrsf14
UniProt Entry Name	Q80WM9_MOUSE

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.