

Human TNFRSF4/OX40 ELISA Kit | TNFRSF4 elisa kit

Human TNFRSF4/OX40 PicoKine ELISA Kit

CATALOG #
AAA45810

REACTIVITY
Human

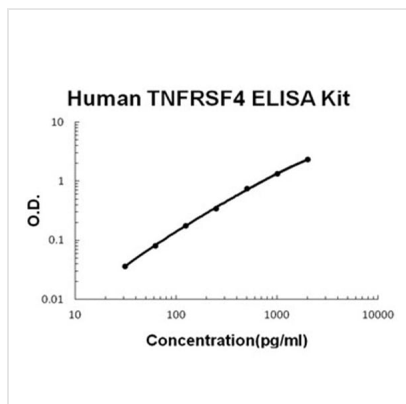
PRODUCT SYNONYMS

TNFRSF4/OX40; Human TNFRSF4/OX40 PicoKine ELISA Kit; Tumor necrosis factor receptor superfamily member 4; tumor necrosis factor receptor superfamily; member 4; ACT35; ACT35 antigen; CD134; CD134 antigen; Lymphoid activation antigene ACT35; OX40; OX40 antigen; OX40 cell surface antigen; OX40 homologue; OX40L receptor; TAX transcriptionally-activated glycoprotein 1 receptor; TNFRSF4; TNR4_HUMAN; TXGP1L; TNFRSF4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human TNFRSF4
Sequence Length	277
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	31.2pg/ml-2000pg/ml
Sensitivity	< 10pg/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)

Human TNFRSF4/OX40 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for TNFRSF4 elisa kit	Principle of the assay: human TNFRSF4 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for TNFRSF4 has been precoated onto 96-well plates. Standards(NSO, L29-A216) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for TNFRSF4 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 human TNFRSF4 amount of sample captured in plate. Background: Tumor necrosis factor receptor superfamily, member4, also known as ACT35 or CD134 is a cell surface glycoprotein that was discovered through the production of a monoclonal antibody raised against the HUT-102 cell line. It belongs to the tumor necrosis factor receptor superfamily. CD134 was mapped to 1p36 by fluorescence in situ hybridization. CD134 is the primary receptor for feline immunodeficiency virus. CD134 expression can promote viral binding and renders cells permissive for viral entry, productive infection, and syncytium formation. Stimulating the receptor can improve the response to a powerful virus vector and may be useful in vaccine development.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1171933
NCBI GeneID	7293
UniProt Accession #	P43489 ; Q13663 ; Q2M312 ; Q5T7M0
Molecular Weight	29,341 Da
NCBI Official Full Name	Tumor necrosis factor receptor superfamily member 4
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 4
NCBI Official Symbol	TNFRSF4
NCBI Official Synonym Symbols	OX40; ACT35; CD134; IMD16; TXGP1L
NCBI Protein Information	tumor necrosis factor receptor superfamily member 4; OX40 antigen; ACT35 antigen; ATC35 antigen; CD134 antigen; OX40 homologue; OX40L receptor; OX40 cell surface antigen; lymphoid activation antigene ACT35; TAX transcriptionally-activated glycoprotein 1 receptor; tax-transcriptionally activated glycoprotein 1 receptor
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 4
UniProt Gene Name	TNFRSF4
UniProt Synonym Gene Names	TXGP1L
UniProt Entry Name	TNR4_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/tnfrsf4-ox40/45810>