

Human TNFRSF9/4-1BB ELISA Kit | TNFRSF9 elisa kit

Human TNFRSF9/4-1BB PicoKine ELISA Kit

CATALOG #
AAA45940

REACTIVITY
Human

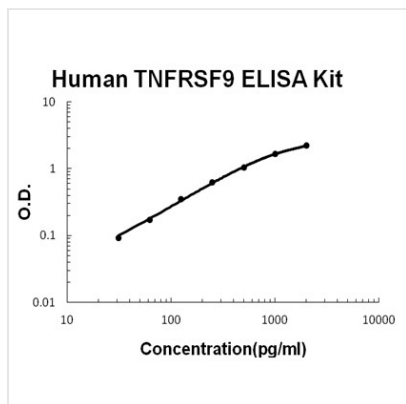
PRODUCT SYNONYMS

TNFRSF9/4-1BB; Human TNFRSF9/4-1BB PicoKine ELISA Kit; Tumor necrosis factor receptor superfamily member 9; tumor necrosis factor receptor superfamily; member 9; 4-1BB; 4-1BB ligand receptor; CD137; CD137 antigen; CDw137; Homolog of mouse 4 1BB; ILA; Induced by lymphocyte activation (ILA); Interleukin activated receptor homolog of mouse Ly63; Receptor protein 4 1BB; T-cell antigen 4-1BB homolog; T-cell antigen ILA; TNFRSF9; TNR9_HUMAN; TNFRSF9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human TNFRSF9
Sequence Length	255
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 TNFRSF9/4-1BB PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for TNFRSF9 elisa kit	Principle of the assay: human TNFRSF9 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for TNFRSF9 has been precoated onto 96-well plates. Standards(NSO, L24-Q186) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for TNFRSF9 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 TNFRSF9 amount of sample captured in plate. Background: CD137 is a member of the tumor necrosis factor (TNF) receptor family. Its alternative names are tumor necrosis factor receptor superfamily member 9 (TNFRSF9), 4-1BB and induced by lymphocyte activation (ILA). CD137 gene was localized to chromosome 1p36.Members of this receptor family and their structurally related ligands are important regulators of a wide variety of physiological processes and play an especially important role in the regulation of immune responses. CD137 can be expressed by activated T cells, but to a larger extent on CD8 than on CD4 T cells. The best characterized activity of CD137 is its costimulatory activity for activated T cells. Crosslinking of CD137 enhances T cell proliferation, IL-2 secretion survival and cytolytic activity. Further, it can enhance immune activity to eliminate tumors in mice.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	728738
NCBI GeneID	3604
UniProt Accession #	Q07011; AAB34924
Molecular Weight	27,899 Da
NCBI Official Full Name	Tumor necrosis factor receptor superfamily member 9
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 9
NCBI Official Symbol	TNFRSF9
NCBI Official Synonym Symbols	ILA; 4-1BB; CD137; CDw137
NCBI Protein Information	tumor necrosis factor receptor superfamily member 9; CD137 antigen; T cell antigen ILA; T-cell antigen ILA; 4-1BB ligand receptor; homolog of mouse 4-1BB; receptor protein 4-1BB; T-cell antigen 4-1BB homolog; induced by lymphocyte activation (ILA); interleukin-activated receptor, homolog of mouse Ly63
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 9
UniProt Gene Name	TNFRSF9
UniProt Synonym Gene Names	CD137; ILA
UniProt Entry Name	TNR9_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/tnfrsf9-4-1bb/45940>