

Mouse CD30L ELISA Kit | TNFSF8 elisa kit

Mouse CD30L PicoKine ELISA Kit

CATALOG #
AAA45325

REACTIVITY
Mouse

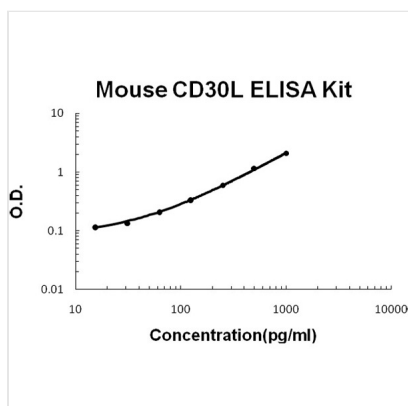
PRODUCT SYNONYMS

CD30L; Mouse CD30L PicoKine ELISA Kit; Tumor necrosis factor ligand superfamily member 8; tumor necrosis factor (ligand) superfamily; member 8; CD153 antigen; CD30 antigen ligand; CD30 L; CD30 ligand; CD30LG; MGC138144; TNFSF8; Tumor necrosis factor (ligand) superfamily member 8; TNFSF8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse CD30L
Sequence Length	239
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	< 6pg/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 CD30L PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for TNFSF8 elisa kit	Principle of the assay: mouse CD30L ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for CD30L has been precoated onto 96-well plates. Standards(NSO, Q68-D239) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CD30L 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 CD30L amount of sample captured in plate. Background: The human CD30L(CD153) gene is located at 9q33. It contains 4 exons and spans more than 17.1 kb. CD153 is expressed on the surface of B cells and this expression is upregulated upon CD154 (CD40LG), IL4, and B-cell receptor engagement. In these cells, engagement of CD153 by T cell CD30 inhibits immunoglobulin class switch recognition as well as IgG, IgA, and IgE production, suggesting that this 'reverse signaling' modulates the CD154-dependent switching of B cells into the pool producing IgG, IgA, and IgE. Additionally, recombinant human CD30L enhanced the proliferation of CD3 -activated T cells, but induced differential responses, including cell death, in several CD30-positive lymphoma-derived cell lines.The standard product used in this kit is recombinant mouse CD30L with the molecular mass of 30-45KDa.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	416778
NCBI GeneID	21949
UniProt Accession #	P32972
Molecular Weight	26,519 Da
NCBI Official Full Name	Tumor necrosis factor ligand superfamily member 8
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 8
NCBI Official Symbol	Tnfsf8
NCBI Official Synonym Symbols	CD153; Cd30l; CD30LG
NCBI Protein Information	tumor necrosis factor ligand superfamily member 8; CD30-L; CD30 ligand
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 8
UniProt Gene Name	Tnfsf8
UniProt Synonym Gene Names	Cd30l; Cd30lg; CD30-L
UniProt Entry Name	TNFL8_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.