

Mouse CD70/TNFSF7/cd27L ELISA Kit | CD70 elisa kit

Mouse CD70/TNFSF7/cd27L PicoKine ELISA Kit

CATALOG #
AAA45834

REACTIVITY
Mouse

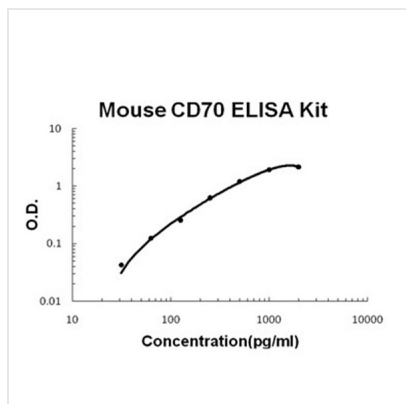
PRODUCT SYNONYMS

CD70/TNFSF7/cd27L; Mouse CD70/TNFSF7/cd27L PicoKine ELISA Kit; CD70 antigen; CD70 molecule; CD 27L; CD 70; CD27 L; CD27 LG; CD27 ligand; CD27-L; CD27L; CD27LG; CD70; CD70_HUMAN; Ki 24 antigen; Ki24 antigen; Surface antigen CD70; TNFSF 7; TNFSF7; Tumor necrosis factor (ligand) superfamily; member 7; Tumor necrosis factor ligand superfamily member; CD70 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse CD70
Sequence Length	195
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)

Mouse CD70/TNFSF7/cd27L PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CD70 elisa kit	Principle of the assay: mouse CD70 ELISA Kit is based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for CD70 has been precoated onto 96-well plates. Standards(NSO, S45-P195) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CD70 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex is added and unbound conjugates are washed away with PBS or TBS buffer. HRP substrate TMB are used to visualize HRP enzymatic reaction. TMB is 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 CD70 amount of sample captured in plate. Background: CD70(Cluster of Differentiation 70), also known as TNFSF7 or CD27L, is a ligand for CD27. This gene is mapped to 19p13.3. CD70 is a surface antigen found on activated, but not resting, T and B lymphocytes. It has been found that CD70 induced proliferation of costimulated T cells and enhanced generation of cytolytic T cells. CD70 is homologous to the ligands of the TNF receptor family, including TNF-alpha, TNF-beta, and the CD40 ligand, showing 19 to 24% amino acid sequence identity in the extracellular region.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21362989
NCBI GeneID	21948
UniProt Accession #	O55237
Molecular Weight	21,919 Da
NCBI Official Full Name	CD70 antigen
NCBI Official Synonym Full Names	CD70 antigen
NCBI Official Symbol	Cd70
NCBI Official Synonym Symbols	Cd27l; CD27LG; Tnfsf7
NCBI Protein Information	CD70 antigen; CD27-L; CD27 ligand; Ki-24 antigen; tumor necrosis factor ligand superfamily member 7; tumor necrosis factor (ligand) superfamily, member 7
UniProt Protein Name	CD70 antigen
UniProt Gene Name	Cd70
UniProt Synonym Gene Names	Cd27l; Cd27lg; Tnfsf7; CD27-L
UniProt Entry Name	CD70_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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/cd70-tnfsf7-cd27l/45834>