

Mouse CD70 ELISA Kit | CD70 elisa kit

Mouse CD70 ELISA Kit

CATALOG # AAA261712	REACTIVITY Mouse	APPLICATIONS ELISA
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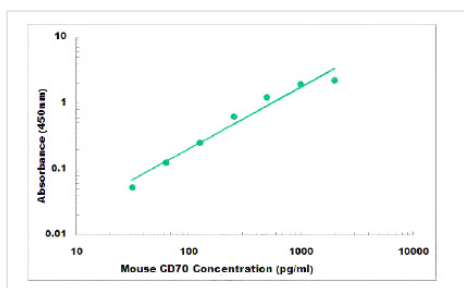
PRODUCT SYNONYMS

CD70; Mouse CD70 ELISA Kit; CD27L; CD27LG; TNFSF7; CD70 antigen; CD27 ligand; CD27-L; Tumor necrosis factor ligand superfamily member 7; CD70 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse CD70 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse CD70 proteins within the range of 31.2 pg/ml - 2000 pg/ml.
Sequence Length	195
Samples	Cell Culture Supernatants, Serum, Plasma.
Sensitivity	10 pg/ml.
Applicable Applications for CD70 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD70 elisa kit

Principle of the Assay||The Mouse CD70 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse CD70 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Mouse CD70 coated on a 96-well plate. Standards and samples are pipetted into the wells and CD70 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse CD70 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of CD70 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

Background/Introduction: 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.

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	Cd27I; CD27LG; Tnfsf7; Tnlg8a
NCBI Protein Information	CD70 antigen
UniProt Protein Name	CD70 antigen
UniProt Gene Name	Cd70
UniProt Synonym Gene Names	Cd27I; Cd27Ig; 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://www.aaabiotech.com/mouse-elisa-kits/cd70/261712>