

Mouse CD86 ELISA Kit | CD86 elisa kit

Mouse CD86 ELISA Kit

CATALOG # AAA17898	REACTIVITY Mouse	APPLICATIONS ELISA
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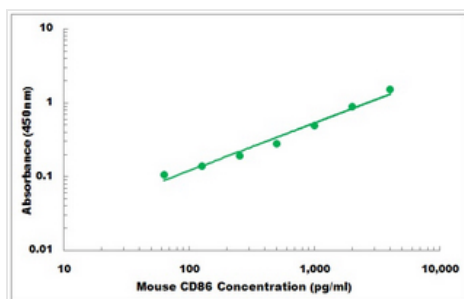
PRODUCT SYNONYMS

CD86; Mouse CD86 ELISA Kit; CD28LG2; T-lymphocyte activation antigen CD86; Activation B7-2 antigen; B70; BU63; CTLA-4 counter-receptor B7.2; FUN-1; CD86 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse CD86 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse CD86 proteins within the range of 62.5 pg/ml - 4000 pg/ml.
Sequence Length	309
Samples	Cell Culture Supernatants, Serum, Plasma.
Assay Type	Sandwich
Sensitivity	The minimum detectable dose of Mouse CD86 is typically less than 10 pg/ml.
Applicable Applications for CD86 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 CD86 elisa kit	Background/Introduction: Cluster of Differentiation 86 (also known as CD86 and B7-2) is a protein expressed on antigen-presenting cells that provides costimulatory signals necessary for T cell activation and survival. The CD86 gene encodes a type I membrane protein that is a member of the immunoglobulin superfamily. Using fluorescence in situ hybridization mapping, the CD86, like CD80, was mapped to human 3q21 and mouse chromosome 16, band B5. The antigen presentation coactivators B71 and B72, which are important in other immune-mediated thyroid diseases, are important for lymphocytic infiltration and the immune response against thyroid carcinoma. Principle of the Assay: The Bioscience Mouse CD86 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse CD86 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Mouse CD86 coated on a 96-well plate. Standards and samples are pipetted into the wells and CD86 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse CD86 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 CD86 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	161484599
NCBI GeneID	12524
NCBI Accession #	NP_062261.3
NCBI GenBank Nucleotide #	NM_019388.3
UniProt Accession #	P42082
Molecular Weight	33,962 Da
NCBI Official Full Name	T-lymphocyte activation antigen CD86
NCBI Official Synonym Full Names	CD86 antigen
NCBI Official Symbol	Cd86
NCBI Official Synonym Symbols	B7; B70; MB7; B7-2; B7.2; CLS1; Ly58; ETC-1; Ly-58; MB7-2; Cd28l2; TS/A-2
NCBI Protein Information	T-lymphocyte activation antigen CD86; activation B7-2 antigen; early T cell costimulatory molecule-1; early T-cell costimulatory molecule 1
UniProt Protein Name	T-lymphocyte activation antigen CD86
UniProt Gene Name	Cd86
UniProt Synonym Gene Names	ETC-1
UniProt Entry Name	CD86_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/cd86/17898>