

Mouse Cluster Of Differentiation 86 (CD86) ELISA Kit | CD86 elisa kit

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CATALOG #
AAA189738

REACTIVITY
Mouse

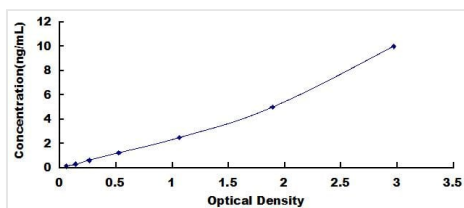
PRODUCT SYNONYMS

Cluster Of Differentiation 86 (CD86); Mouse Cluster Of Differentiation 86 (CD86) ELISA Kit; LAB7-2; B7-2; B70; FUN-1; CD28LG2; CD28 Antigen Ligand 2; B7-2 Antigen; CTLA-4 counter-receptor B7.2; B-Lymphocyte Activation Antigen B7-2; CD86/Cluster Of Differentiation 86; CD86 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CD86. No significant cross-reactivity or interference between CD86 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Mouse tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CD86 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CD86 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf Life: 8 months The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD86 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to CD86. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to CD86. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CD86, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of CD86 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CD86 in mouse tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for CD86 elisa kit	Signal transduction; CD & Adhesion molecule; Tumor immunity; Infection immunity; Immune molecule

NCBI AND UNIPROT INFORMATION

NCBI GI #	332634934
NCBI GeneID	942
NCBI Accession #	NP_787058
NCBI GenBank Nucleotide #	NM_175862.4
UniProt Accession #	P42082; Q13655; Q6FHB1; Q6GTS4; Q7M4L5; A0N0P0; B7Z2F3; B7Z702; E7ETN5; E9PC27; P42081
Molecular Weight	Predicted: 36 kDa Observed: 68 kDa
NCBI Official Full Name	T-lymphocyte activation antigen CD86 isoform 1
NCBI Official Synonym Full Names	CD86 molecule
NCBI Official Symbol	CD86
NCBI Official Synonym Symbols	B70; B7-2; B7.2; LAB72; CD28LG2
NCBI Protein Information	T-lymphocyte activation antigen CD86
UniProt Protein Name	T-lymphocyte activation antigen CD86
UniProt Gene Name	CD86
UniProt Synonym Gene Names	CD28LG2

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/cluster-of-differentiation-86-cd86/189738>