

Mouse CD80 / B7-1 ELISA Kit | CD80 / B7-1 elisa kit

CD80 / B7-1 Mouse ELISA Kit

CATALOG # AAA58938	REACTIVITY Mouse	APPLICATIONS ELISA
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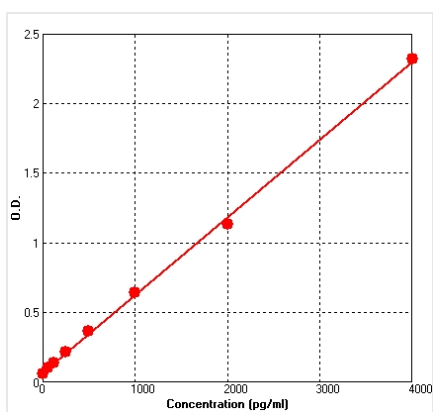
PRODUCT SYNONYMS

CD80 / B7-1; CD80 / B7-1 Mouse ELISA Kit; Mouse CD80 / B7-1; CD80 / B7-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	< 10pg/ml
Applicable Applications for CD80 / B7-1 elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C for 4 months, or at -20 degree C for 8 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD80 / B7-1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-B7-1 polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-B7-1 polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with wash buffer. TMB substrates were 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 B7-1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of B7-1 can be calculated. Background: Cluster of Differentiation 80 (also CD80 and B7-1) is a protein found on activated B cells and monocytes. B7-1 provides regulatory signals for T lymphocytes as a consequence of binding to the CD28 and CTLA4 ligands of T cells. The CD80 gene has 6 exons that span approximately 32 kb of genomic DNA. The antigen presentation coactivators B7-1 and B7-2 may be important for lymphocytic infiltration and the immune response against thyroid carcinoma.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	68163383
NCBI GeneID	554317
NCBI Accession #	NP_001020134.1
NCBI GenBank Nucleotide #	NM_001024963.2
NCBI Official Full Name	CD80/B7-1 transmembrane form
NCBI Official Symbol	LOC554317
NCBI Protein Information	CD80/B7-1 transmembrane form

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/cd80-b7-1/58938>