

Human T-lymphocyte activation antigen CD80 ELISA Kit | CD80 elisa kit

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CATALOG #
AAA98407

REACTIVITY
Human

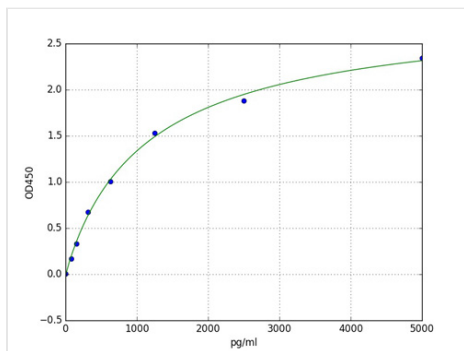
PRODUCT SYNONYMS

T-lymphocyte activation antigen CD80; Human T-lymphocyte activation antigen CD80 ELISA Kit; CD80/B7-1/T-lymphocyte activation antigen CD80; CD80 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	288
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human CD80 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.003	0.241	0.421	0.784	1.371	1.768	1.985	2.488

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD80 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human CD80 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human CD80 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. HRPStreptavidin 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 Human CD80 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human CD80 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4885123

NCBI GeneID	941
NCBI Accession #	NP_005182.1
NCBI GenBank Nucleotide #	NM_005191.3
Molecular Weight	18,761 Da
NCBI Official Full Name	T-lymphocyte activation antigen CD80
NCBI Official Synonym Full Names	CD80 molecule
NCBI Official Symbol	CD80
NCBI Official Synonym Symbols	B7; BB1; B7-1; B7.1; LAB7; CD28LG; CD28LG1
NCBI Protein Information	T-lymphocyte activation antigen CD80
UniProt Protein Name	T-lymphocyte activation antigen CD80
UniProt Gene Name	CD80
UniProt Synonym Gene Names	CD28LG; CD28LG1; LAB7; B7
UniProt Entry Name	CD80_HUMAN

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/human-elisa-kits/t-lymphocyte-activation-antigen-cd80/98407>