

Mouse Cytotoxic T-Lymphocyte Associated Antigen 4 ELISA Kit | CTLA4 elisa kit

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CATALOG #
AAA101722

REACTIVITY
Mouse

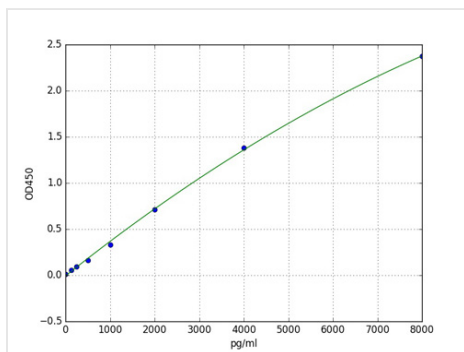
PRODUCT SYNONYMS

Cytotoxic T-Lymphocyte Associated Antigen 4; Mouse Cytotoxic T-Lymphocyte Associated Antigen 4 ELISA Kit; CTLA4/CD152/CD/CD152 antigen/CD152IDDM12/CD28/celiac disease 3/CELIAC3/CTLA-4/cytotoxic T-lymphocyte antigen 4/cytotoxic T-lymphocyte protein 4/Cytotoxic T-lymphocyte-associated antigen 4/cytotoxic T-lymphocyte-associated protein 4/cytotoxic T-lymphocyte-associated serine esterase-4/GRD4/GSE/ICOS/ligand and transmembrane spliced cytotoxic T lymphocyte associated antigen 4; CTLA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	58
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	125-8000pg/ml
Sensitivity	75pg/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 Mouse CTLA4 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	125	250	500	1000	2000	4000	8000
Y	OD450	0.013	0.183	0.305	0.482	0.848	1.324	1.772	2.301

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTLA4 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse CTLA4 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse CTLA4 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. HRP-Streptavidin 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 Mouse CTLA4 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse CTLA4 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62768599
NCBI GeneID	1493
Molecular Weight	19,145 Da
NCBI Official Full Name	cytotoxic T lymphocyte associated antigen 4 short spliced form
NCBI Official Synonym Full Names	cytotoxic T-lymphocyte associated protein 4
NCBI Official Symbol	CTLA4
NCBI Official Synonym Symbols	CD; GSE; GRD4; ALPS5; CD152; CTLA-4; IDDM12; CELIAC3
NCBI Protein Information	cytotoxic T-lymphocyte protein 4
UniProt Protein Name	Cytotoxic T-lymphocyte protein 4
UniProt Gene Name	CTLA4
UniProt Synonym Gene Names	CD152; CTLA-4
UniProt Entry Name	CTLA4_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/ctla4-mouse-elisa-kits/cytotoxic-t-lymphocyte-associated-antigen-4/101722>