Human cytotoxic T-lymphocyte-associated protein 4 ELISA Kit | CTLA4 elisa kit

Human cytotoxic T lymphocyte associated antigen 4, CTLA-4 ELISA Kit

CATALOG #	REACTIVITY
AAA79489	**Human**

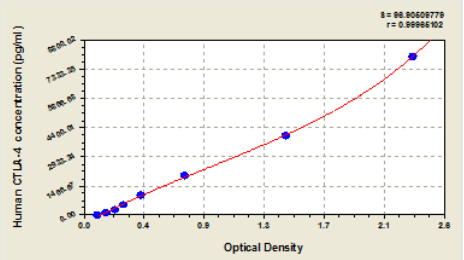
PRODUCT SYNONYMS

cytotoxic T-lymphocyte-associated protein 4; Human cytotoxic T lymphocyte associated antigen 4; CTLA-4 ELISA Kit; CD; CD152; CELIAC3; CTLA-4; GRD4; GSE; ICOS; IDDM12; celiac disease 3; cytotoxic T-lymphocyte antigen 4; cytotoxic T-lymphocyte-associated antigen 4; cytotoxic T-lymphocyte-associated serine esterase-4; CTLA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CTLA4. No significant cross-reactivity or interference between Human CTLA4 and analogues was observed.
Sequence Length	174
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	125 pg/ml-8000 pg/ml
Sensitivity	31.25 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Immunity
Protein Biological Process 3	Adaptive immunity
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTLA4 elisa kit	**Principle of the Assay:** This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CTLA-4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CTLA-4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CTLA-4 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CTLA-4 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	83700231
NCBI GeneID	1493
NCBI Accession #	NP_001032720.1
NCBI GenBank Nucleotide #	NM_001037631.2
UniProt Accession #	P16410; O95653; Q0PP65; Q52MC1; Q53TD5; Q5S005; Q8WXJ1; Q96P43; Q9UKN9; A0N1S0; E9PDH0
Molecular Weight	24,656 Da
NCBI Official Full Name	cytotoxic T-lymphocyte protein 4 isoform CTLA-4delTM
NCBI Official Synonym Full Names	cytotoxic T-lymphocyte-associated protein 4
NCBI Official Symbol	CTLA4
NCBI Official Synonym Symbols	CD; GSE; GRD4; CD152; CTLA-4; IDDM12; CELIAC3
NCBI Protein Information	cytotoxic T-lymphocyte protein 4; CD152 isoform; celiac disease 3; cytotoxic T-lymphocyte antigen 4; insulin-dependent diabetes mellitus 12; cytotoxic T-lymphocyte-associated antigen 4; cytotoxic T-lymphocyte-associated serine esterase-4; cytotoxic T lymphocyte associated antigen 4 short spliced form; ligand and transmembrane spliced cytotoxic T lymphocyte associated antigen 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://www.aaabiotech.com/ctla4-human-elisa-kits/cytotoxic-t-lymphocyte-associated-protein-4/79489