

Human T-cell surface glycoprotein CD8 alpha chain ELISA Kit | CD8A elisa kit

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CATALOG #
AAA100316

REACTIVITY
Human

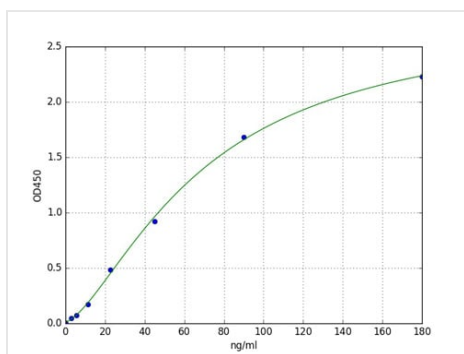
PRODUCT SYNONYMS

T-cell surface glycoprotein CD8 alpha chain; Human T-cell surface glycoprotein CD8 alpha chain ELISA Kit; CD8A/T-cell surface glycoprotein CD8 alpha chain/T-lymphocyte differentiation antigen T8/Leu-2; CD8A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	235
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	62.5-4000pg/ml
Sensitivity	37.5pg/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 CD8A 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	ng/ml	0	2.812	5.625	11.25	22.5	45	90	180
Y	OD450	0.027	0.063	0.098	0.165	0.302	0.725	1.314	2.172

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD8A elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human CD8A antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human CD8A 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 CD8A amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human CD8A can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	225007536
NCBI GeneID	925
NCBI Accession #	NP_001139345.1
NCBI GenBank Nucleotide #	NM_001145873.1
Molecular Weight	30,214 Da
NCBI Official Full Name	T-cell surface glycoprotein CD8 alpha chain isoform 1
NCBI Official Synonym Full Names	CD8a molecule
NCBI Official Symbol	CD8A
NCBI Official Synonym Symbols	CD8; MAL; p32; Leu2
NCBI Protein Information	T-cell surface glycoprotein CD8 alpha chain
UniProt Protein Name	T-cell surface glycoprotein CD8 alpha chain
UniProt Gene Name	CD8A
UniProt Synonym Gene Names	MAL
UniProt Entry Name	CD8A_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/cd8a-human-elisa-kits/t-cell-surface-glycoprotein-cd8-alpha-chain/100316>