

Human CD8a molecule ELISA Kit | CD8A elisa kit

Human Cluster of differentiation 8, CD8 ELISA Kit

CATALOG #
AAA79780

REACTIVITY
Human

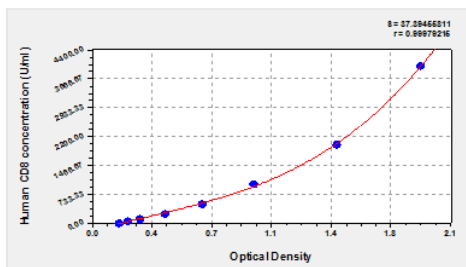
PRODUCT SYNONYMS

CD8a molecule; Human Cluster of differentiation 8; CD8 ELISA Kit; CD8; Leu2; MAL; p32; CD8 antigen alpha polypeptide; CD8 antigen; alpha polypeptide (p32) ; Leu2 T-lymphocyte antigen; OKT8 T-cell antigen; OTTHUMP00000203721; T cell co-receptor; T-cell antigen Leu2; T-cell; CD8A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CD8. No significant cross-reactivity or interference between human CD8 and analogues was observed.
Sequence Length	235
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	62.5 U/ml-4000 U/ml
Sensitivity	< 15.6 U/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 CD8A elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CD8 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CD8 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CD8 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 CD8 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	225007536
NCBI GeneID	925
NCBI Accession #	NP_001139345.1
NCBI GenBank Nucleotide #	NM_001145873.1
UniProt Accession #	P01732; Q13970; Q4ZG17; B4DT80; D6W5M8
Molecular Weight	25,729 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; T8 T-cell antigen; T cell co-receptor; OKT8 T-cell antigen; T-cell antigen Leu2; Leu2 T-lymphocyte antigen; CD8 antigen, alpha polypeptide (p32); T-lymphocyte differentiation antigen T8/Leu-2
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/human-elisa-kits/cd8a-molecule/79780>