

Human T-cell surface glycoprotein CD3 zeta chain (CD247) ELISA Kit | CD247 elisa kit

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CATALOG #
AAA43763

REACTIVITY
Human

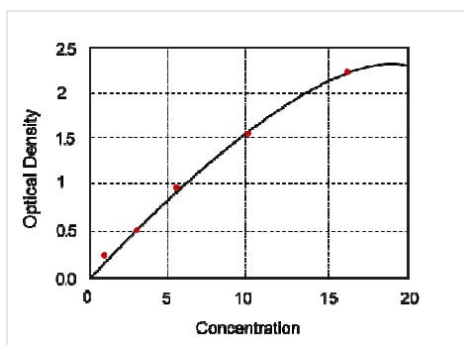
PRODUCT SYNONYMS

T-cell surface glycoprotein CD3 zeta chain (CD247); Human T-cell surface glycoprotein CD3 zeta chain (CD247) ELISA Kit; CD247 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	164
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-20ng/ml
Sensitivity	0.026ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD247 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human CD247 antibody. CD247 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human CD247 Antibody is added and binds to CD247 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CD247 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human CD247. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human T-cell surface glycoprotein CD3 zeta chain (also known as CD247) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	37595565
NCBI GeneID	919
NCBI Accession #	NP_932170.1
NCBI GenBank Nucleotide #	NM_198053.2
UniProt Accession #	P20963; Q5VX13; Q8TAX4; B1AK49; A46461
Molecular Weight	â€ Da
NCBI Official Full Name	T-cell surface glycoprotein CD3 zeta chain isoform 1
NCBI Official Synonym Full Names	CD247 molecule
NCBI Official Symbol	CD247
NCBI Official Synonym Symbols	T3Z; CD3H; CD3Q; CD3Z; TCRZ; IMD25; CD3-ZETA
NCBI Protein Information	T-cell surface glycoprotein CD3 zeta chain
UniProt Protein Name	T-cell surface glycoprotein CD3 zeta chain
UniProt Gene Name	CD247
UniProt Synonym Gene Names	CD3Z; T3Z; TCRZ

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-cell-surface-glycoprotein-cd3-zeta-chain-cd247/43763>