

Human CD83 Antigen (CD83) ELISA Kit | CD83 elisa kit

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CATALOG #
AAA123155

REACTIVITY
Human

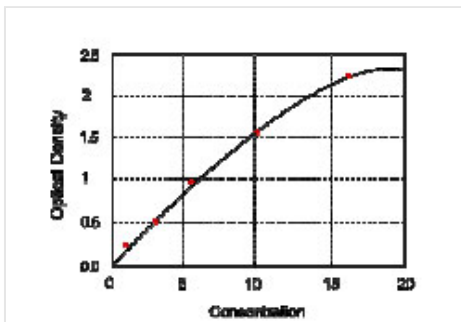
PRODUCT SYNONYMS

CD83 Antigen (CD83); Human CD83 Antigen (CD83) ELISA Kit; CD83 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	205
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1ng/L - 400ng/L
Sensitivity	0.58ng/L
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 CD83 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human CD83 Antigen (also known as CD83) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human CD83 antibody. CD83 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CD83 Antibody is added and binds to CD83 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CD83 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 CD83. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757946
NCBI GeneID	9308
NCBI GenBank Nucleotide #	NP_004224.1
UniProt Accession #	Q01151
NCBI Official Full Name	CD83 antigen isoform a
NCBI Official Synonym Full Names	CD83 molecule
NCBI Official Symbol	CD83
NCBI Official Synonym Symbols	BL11; HB15
NCBI Protein Information	CD83 antigen
UniProt Protein Name	CD83 antigen
UniProt Gene Name	CD83
UniProt Synonym Gene Names	hCD83
UniProt Entry Name	CD83_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/human-elisa-kits/cd83-antigen-cd83/123155>