

Mouse Cd83 (CD83 antigen) ELISA Kit | Cd83 elisa kit

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CATALOG #
AAA250432

REACTIVITY
Mouse

PRODUCT SYNONYMS

Cd83 (CD83 antigen); Mouse Cd83 (CD83 antigen) ELISA Kit; CD83 antigen; mCD83; CD83; Cd83; Cd83 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Cd83. No significant cross -reactivity or interference between Cd83 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	78-5000pg/ml
Sensitivity	46.9pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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

ADDITIONAL INFORMATION

Related Product Information for Cd83 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6753356
NCBI GeneID	12522
NCBI Accession #	NP_033986.1
NCBI GenBank Nucleotide #	NM_009856.3
UniProt Accession #	O88324
Molecular Weight	21,313 Da
NCBI Official Full Name	CD83 antigen isoform 1
NCBI Official Synonym Full Names	CD83 antigen

NCBI Official Symbol	Cd83
NCBI Protein Information	CD83 antigen; mCD83
UniProt Protein Name	CD83 antigen
UniProt Gene Name	Cd83
UniProt Synonym Gene Names	mCD83
UniProt Entry Name	CD83_MOUSE

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/mouse-elisa-kits/cd83-cd83-antigen/250432>