

Mouse Coiled-coil domain-containing protein 83 (CCDC83) ELISA Kit | CCDC83 elisa kit

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CATALOG # AAA245108	REACTIVITY Mouse
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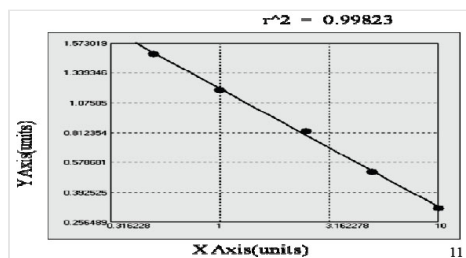
PRODUCT SYNONYMS

Coiled-coil domain-containing protein 83 (CCDC83); Mouse Coiled-coil domain-containing protein 83 (CCDC83) ELISA Kit; CCDC83 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This CCDC83 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CCDC83. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCDC83 elisa kit	Principle of the assay: CCDC83 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CCDC83 antibody and an CCDC83-HRP conjugate. The assay sample and buffer are incubated together with CCDC83-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CCDC83 concentration since CCDC83 from samples and CCDC83-HRP conjugate compete for the anti-CCDC83 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCDC83 from the sample, fewer sites are left to bind CCDC83-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCDC83 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CCDC83 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	555290057
NCBI GeneID	220047
NCBI Accession #	NP_001273088.1
NCBI GenBank Nucleotide #	NM_001286159.1
Molecular Weight	37,262 Da
NCBI Official Full Name	coiled-coil domain-containing protein 83 isoform 2
NCBI Official Synonym Full Names	coiled-coil domain containing 83
NCBI Official Symbol	CCDC83
NCBI Official Synonym Symbols	HSD9; CT148
NCBI Protein Information	coiled-coil domain-containing protein 83
UniProt Protein Name	Coiled-coil domain-containing protein 83
UniProt Gene Name	CCDC83
UniProt Synonym Gene Names	HSD9
UniProt Entry Name	CCD83_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/mouse-elisa-kits/coiled-coil-domain-containing-protein-83-ccdc83/245108>