Coiled-Coil Domain-Containing Protein 82 (CCDC82) ELISA Kit for Human

PRODUCT OVERVIEW

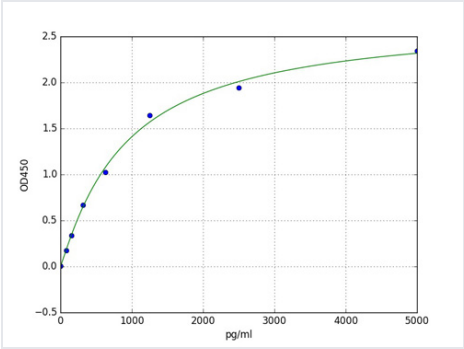
Product Name	Coiled-coil domain-containing protein 82 (CCDC82), ELISA Kit
Full Product Name	Human Coiled-coil domain-containing protein 82 ELISA Kit
Product Gene Name	CCDC82 elisa kit
Product Synonym Names	CCDC82/Coiled-coil domain-containing protein 82/HT025
Species Reactivity	Human
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
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
Molecular Weight	40,027 Da
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Related Product Information for CCDC82 elisa kit	Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human CCDC82 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human CCDC82 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Human CCDC82 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human CCDC82 can be calculated.
Other Notes	Small volumes of CCDC82 elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CCDC82 purchase	MBS765483 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Coiled-coil domain-containing protein 82 (CCDC82) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing CCDC82. The ELISA analytical biochemical technique of the MBS765483 kit is based on CCDC82 antibody-CCDC82 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CCDC82 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CCDC82. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).

Typical Data & Standard Curve

Results of a typical standard run of a Human CCDC82 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.033	0.423	0.733	0.888	1.511	1.953	2.020	1.999

Typical Testing Data of CCDC82 elisa kit



Typical Standard Curve of CCDC82 elisa kit

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CCDC82. It may not necessarily be applicable to this product.

NCBI GI #	973353054
NCBI GeneID	79780
NCBI Accession #	NP_001305665.1
UniProt Secondary Accession #	Q8WV71; Q9H2Q5; Q9H5E3; B3KPU7
UniProt Related Accession #	Q8N4S0
GenBank Nucleotide #	NM_001318736.1
NCBI Official Full Name	coiled-coil domain-containing protein 82 isoform a
NCBI Official Synonym Full Names	coiled-coil domain containing 82
NCBI Official Symbol	CCDC82
NCBI Official Synonym Symbols	HSPC048
UniProt Protein Name	Coiled-coil domain-containing protein 82
Protein Family	Coiled-coil domain-containing protein
UniProt Gene Name	CCDC82
UniProt Entry Name	CCD82_HUMAN
NCBI Protein Information	coiled-coil domain-containing protein 82
UniProt Comments for CCDC82	CCDC82: 2 isoforms of the human protein are produced by alternative splicing. Protein type: Unknown function Chromosomal Location of Human Ortholog: 11q21
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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