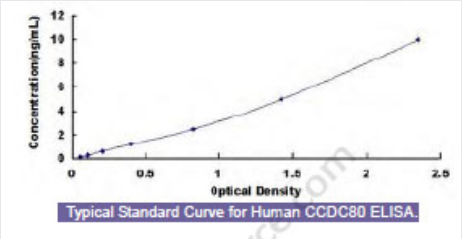
Coiled Coil Domain Containing Protein 80 (CCDC80) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	Coiled Coil Domain Containing Protein 80 (CCDC80), ELISA Kit
Full Product Name	Human Coiled Coil Domain Containing Protein 80 (CCDC80) ELISA Kit
Product Gene Name	CCDC80 elisa kit
Product Synonym Names	DRO1; SSG1; URB; Steroid Sensitive Gene 1; Down-regulated by oncogenes protein 1; Up-regulated in BRS-3 deficient mouse homolog
Species Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.053ng/mL
Specificity	This assay has high sensitivity and excellent specificity for detection of CCDC80. No significant cross-reactivity or interference between CCDC80 and analogues was observed.
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CCDC80 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CCDC80 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Molecular Weight	10,174 Da
OMIM	AY333429 mRNA
3D Structure	ModBase 3D Structure for Q76M96
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Related Product Information for CCDC80 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CCDC80 in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CCDC80. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CCDC80. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CCDC80, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of CCDC80 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Other Notes	Small volumes of CCDC80 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 CCDC80 purchase	MBS451700 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Coiled Coil Domain Containing Protein 80 (CCDC80) 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 CCDC80. The ELISA analytical biochemical technique of the MBS451700 kit is based on CCDC80 antibody-CCDC80 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CCDC80 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CCDC80. 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 Testing Data/Standard Curve (for reference only) of CCDC80 elisa kit

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CCDC80. It may not necessarily be applicable to this product.

NCBI GI #	41152074
NCBI GeneID	151887
NCBI Accession #	NP_955805.1
UniProt Primary Accession #	Q76M96
UniProt Secondary Accession #	Q5PR20; Q6GPG9; Q8IVT6; Q8NBV1; Q8NHY8; D3DN67
UniProt Related Accession #	Q76M96
GenBank Nucleotide #	NM_199511.2
NCBI Official Full Name	coiled-coil domain-containing protein 80
NCBI Official Synonym Full Names	coiled-coil domain containing 80
NCBI Official Symbol	CCDC80
NCBI Official Synonym Symbols	URB; DRO1; SSG1; okuribin
UniProt Protein Name	Coiled-coil domain-containing protein 80
UniProt Synonym Protein Names	Down-regulated by oncogenes protein 1; Up-regulated in BRS-3 deficient mouse homolog
Protein Family	Coiled-coil domain-containing protein
UniProt Gene Name	CCDC80
UniProt Synonym Gene Names	DRO1; URB
NCBI Protein Information	coiled-coil domain-containing protein 80
UniProt Comments for CCDC80	Promotes cell adhesion and matrix assembly.
Research Articles on CCDC80	**1.** Ccdc80 is a novel betacat-regulated gene in adrenocortical cells
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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