

Human Coiled coil domain containing protein 40 (CCDC40) ELISA Kit | CCDC40 elisa kit

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CATALOG #
AAA245872

REACTIVITY
Human

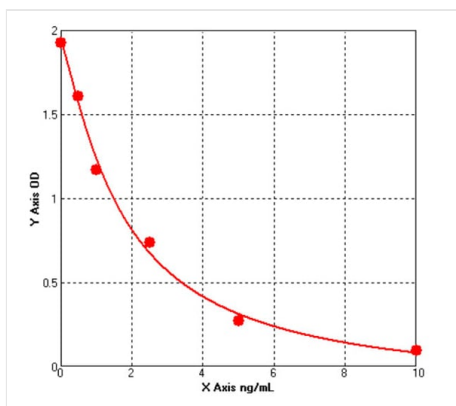
PRODUCT SYNONYMS

Coiled coil domain containing protein 40 (CCDC40); Human Coiled coil domain containing protein 40 (CCDC40) ELISA Kit; CCDC40 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CCDC40. No significant cross-reactivity or interference between CCDC40 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CCDC40 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCDC40 elisa kit	Principle of the Assay: CCDC40 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CCDC40 antibody and an CCDC40-HRP conjugate. The assay sample and buffer are incubated together with CCDC40-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 CCDC40 concentration since CCDC40 from samples and CCDC40-HRP conjugate compete for the anti-CCDC40 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCDC40 from the sample, fewer sites are left to bind CCDC40-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCDC40 concentration in each sample is interpolated from this standard curve. Intended Uses: This CCDC40 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CCDC40. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CCDC40 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	343183427
NCBI GeneID	55036
NCBI Accession #	NP_001230271.1
NCBI GenBank Nucleotide #	NM_001243342.1
Molecular Weight	52,263 Da
NCBI Official Full Name	coiled-coil domain-containing protein 40 isoform 2
NCBI Official Synonym Full Names	coiled-coil domain containing 40
NCBI Official Symbol	CCDC40
NCBI Official Synonym Symbols	CILD15; FAP172
NCBI Protein Information	coiled-coil domain-containing protein 40
UniProt Protein Name	Coiled-coil domain-containing protein 40
UniProt Gene Name	CCDC40
UniProt Synonym Gene Names	KIAA1640
UniProt Entry Name	CCD40_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/human-elisa-kits/coiled-coil-domain-containing-protein-40-ccdc40/245872>