

Human CUB Domain Containing Protein 1 (CDCP1) ELISA Kit | CDCP1 elisa kit

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CATALOG #
AAA139959

REACTIVITY
Human

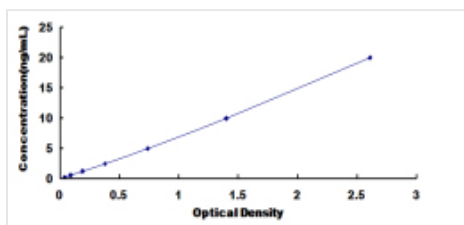
PRODUCT SYNONYMS

CUB Domain Containing Protein 1 (CDCP1); Human CUB Domain Containing Protein 1 (CDCP1) ELISA Kit; CD318; CDCP1; SIMA135; TRASK; Membrane glycoprotein gp140; Transmembrane and associated with src kinases; Subtractive immunization M plus HEP3-associated 135 kDa; CDCP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CUB Domain Containing Protein 1 (CDCP1). No significant cross-reactivity or interference between CUB Domain Containing Protein 1 (CDCP1) and analogues was observed.
Sequence Length	343
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.063ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level CUB Domain Containing Protein 1 (CDCP1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level CUB Domain Containing Protein 1 (CDCP1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDCP1 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to CUB Domain Containing Protein 1 (CDCP1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to CUB Domain Containing Protein 1 (CDCP1). 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 CUB Domain Containing Protein 1 (CDCP1), 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 CUB Domain Containing Protein 1 (CDCP1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for CDCP1 elisa kit	Signal transduction; Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	30410805
NCBI GeneID	64866
NCBI Accession #	NP_073753.3
NCBI GenBank Nucleotide #	NM_022842.4
UniProt Accession #	Q9H5V8; Q49UB4; Q6NT71; Q6U9Y2; Q8WU91; Q96QU7; Q9H676; Q9H8C2
Molecular Weight	37,818 Da
NCBI Official Full Name	CUB domain-containing protein 1 isoform 1
NCBI Official Synonym Full Names	CUB domain containing protein 1
NCBI Official Symbol	CDCP1
NCBI Official Synonym Symbols	CD318; TRASK; SIMA135
NCBI Protein Information	CUB domain-containing protein 1
UniProt Protein Name	CUB domain-containing protein 1
UniProt Gene Name	CDCP1
UniProt Synonym Gene Names	TRASK; SIMA135
UniProt Entry Name	CDCP1_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/cub-domain-containing-protein-1-cdcp1/139959>