

Mouse CUB Domain Containing Protein 1, CDCP1 ELISA Kit | CDCP1 elisa kit

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CATALOG #
AAA245979

REACTIVITY
Mouse

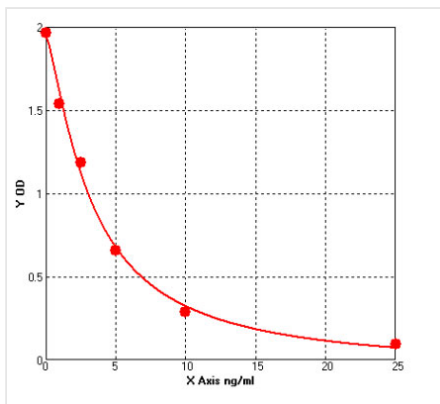
PRODUCT SYNONYMS

CUB Domain Containing Protein 1; CDCP1; Mouse CUB Domain Containing Protein 1; CDCP1 ELISA Kit; CDCP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CDCP1. No significant cross-reactivity or interference between CDCP1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CDCP1 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 CDCP1 elisa kit	Principle of the Assay: CDCP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CDCP1 antibody and an CDCP1-HRP conjugate. The assay sample and buffer are incubated together with CDCP1-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 CDCP1 concentration since CDCP1 from samples and CDCP1-HRP conjugate compete for the anti-CDCP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CDCP1 from the sample, fewer sites are left to bind CDCP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CDCP1 concentration in each sample is interpolated from this standard curve. Intended Uses: This CDCP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CDCP1. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CDCP1 elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	30410805
NCBI GeneID	64866
NCBI Accession #	NP_073753.3
NCBI GenBank Nucleotide #	NM_022842.4
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; membrane glycoprotein gp140; transmembrane and associated with src kinases; subtractive immunization M plus HEp3-associated 135 kDa protein
UniProt Protein Name	CUB domain-containing protein 1
UniProt Gene Name	CDCP1
UniProt Synonym Gene Names	TRASK; UNQ2486/PRO5773; 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/mouse-elisa-kits/cub-domain-containing-protein-1-cdcp1/245979>