

Mouse Catenin delta-1 ELISA Kit | Ctnnd1 elisa kit

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CATALOG #
AAA100978

REACTIVITY
Mouse

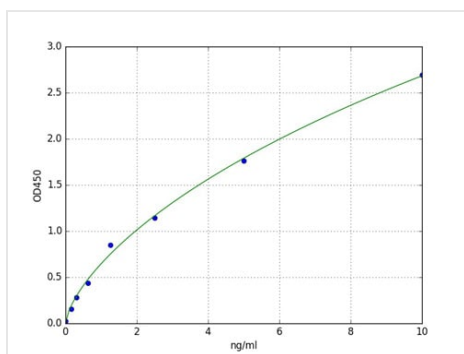
PRODUCT SYNONYMS

Catenin delta-1; Mouse Catenin delta-1 ELISA Kit; Ctnnd1/Cadherin-associated Src substrate/CAS/p120 catenin/p120 (ctn)/p120 (cas)/CTNND1/KIAA0384; Ctnnd1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	859
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Ctnnd1 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	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.001	0.071	0.122	0.271	0.520	0.795	1.459	2.073

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ctnnd1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse Ctnnd1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Ctnnd1 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 Mouse Ctnnd1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Ctnnd1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148228344
NCBI GeneID	398490
NCBI Accession #	NP_001082468.1
NCBI GenBank Nucleotide #	NM_001088999.1
Molecular Weight	86,162 Da
NCBI Official Full Name	catenin delta-1
NCBI Official Synonym Full Names	catenin delta 1
NCBI Official Symbol	ctnnd1
NCBI Official Synonym Symbols	p120; Xp120; p120ctn
NCBI Protein Information	catenin delta-1
UniProt Protein Name	Catenin delta-1
UniProt Gene Name	ctnnd1
UniProt Synonym Gene Names	p120(ctn)
UniProt Entry Name	CTND1_XENLA

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/ctnnd1-mouse-elisa-kits/catenin-delta-1/100978>