

Human Catenin delta 1 (CTNND1) ELISA Kit | CTNND1 elisa kit

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CATALOG #
AAA246058

REACTIVITY
Human

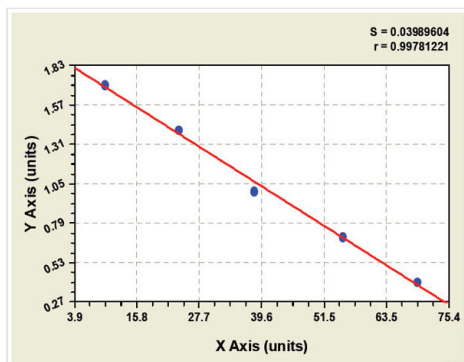
PRODUCT SYNONYMS

Catenin delta 1 (CTNND1); Human Catenin delta 1 (CTNND1) ELISA Kit; CTNND1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This CTNND1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CTNND1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTNND1 elisa kit

Principle of the assay: CTNND1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CTNND1 antibody and an CTNND1-HRP conjugate. The assay sample and buffer are incubated together with CTNND1-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 CTNND1 concentration since CTNND1 from samples and CTNND1-HRP conjugate compete for the anti-CTNND1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CTNND1 from the sample, fewer sites are left to bind CTNND1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CTNND1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14916543
NCBI GeneID	1500
Molecular Weight	65,641 Da
NCBI Official Full Name	Catenin delta-1
NCBI Official Synonym Full Names	catenin (cadherin-associated protein), delta 1
NCBI Official Symbol	CTNND1
NCBI Official Synonym Symbols	CAS; p120; CTNND; P120CAS; P120CTN; p120(CAS); p120(CTN)
NCBI Protein Information	catenin delta-1; p120 catenin; cadherin-associated Src substrate
UniProt Protein Name	Catenin delta-1
UniProt Gene Name	CTNND1
UniProt Synonym Gene Names	KIAA0384; CAS; p120(ctn)
UniProt Entry Name	CTND1_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/catenin-delta-1-ctnnd1/246058>