

Rabbit Catenin, Alpha 1 ELISA Kit | CTNNA1 elisa kit

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CATALOG #
AAA86575

REACTIVITY
Rabbit

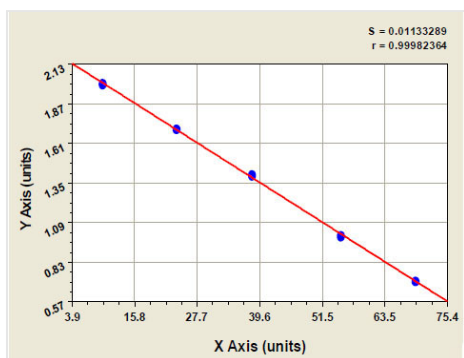
PRODUCT SYNONYMS

Catenin; Alpha 1; Rabbit Catenin; Alpha 1 ELISA Kit; CTNNA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This CTNNA1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit CTNNA1. 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 CTNNA1 elisa kit

Principle of the assay: CTNNA1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CTNNA1 antibody and an CTNNA1-HRP conjugate. The assay sample and buffer are incubated together with CTNNA1-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 CTNNA1 concentration since CTNNA1 from samples and CTNNA1-HRP conjugate compete for the anti-CTNNA1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CTNNA1 from the sample, fewer sites are left to bind CTNNA1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CTNNA1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CTNNA1 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	55770844
NCBI GeneID	1495
NCBI Accession #	NP_001894.2
NCBI GenBank Nucleotide #	NM_001903.3
Molecular Weight	59,550 Da
NCBI Official Full Name	catenin alpha-1 isoform 1
NCBI Official Synonym Full Names	catenin (cadherin-associated protein), alpha 1, 102kDa
NCBI Official Symbol	CTNNA1
NCBI Official Synonym Symbols	CAP102
NCBI Protein Information	catenin alpha-1; alpha-catenin; alphaE-catenin; alpha E-catenin; alpha-E-catenin; renal carcinoma antigen NY-REN-13; cadherin-associated protein,102kDa
UniProt Protein Name	Catenin alpha-1
UniProt Gene Name	CTNNA1
UniProt Entry Name	CTNA1_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/ctnna1-rabbit-elisa-kits/catenin-alpha-1/86575>