

Human Catenin beta-1 ELISA Kit | CTNNbeta1 elisa kit

Human Catenin beta-1 ELISA Kit

CATALOG #
AAA100895

REACTIVITY
Human

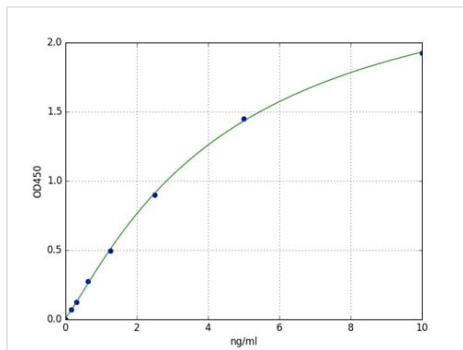
PRODUCT SYNONYMS

Catenin beta-1; Human Catenin beta-1 ELISA Kit; CTNNb1/CTNNB1/CTNNB/MRD19/armadillo/beta 1 (88kD)/beta-catenin/catenin (cadherin-associated protein); beta 1; 88kDa/catenin beta-1; CTNNbeta1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	781
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 Human CTNNb1 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	0.023	0.123	0.252	0.369	0.766	1.215	1.916	2.380

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTNNbeta1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human CTNNbeta1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human CTNNbeta1 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 Human CTNNbeta1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human CTNNbeta1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148233338
NCBI GeneID	1499
NCBI Accession #	NP_001091679.1
NCBI GenBank Nucleotide #	NM_001098209.1
Molecular Weight	9,501 Da
NCBI Official Full Name	catenin beta-1
NCBI Official Synonym Full Names	catenin beta 1
NCBI Official Symbol	CTNNB1
NCBI Official Synonym Symbols	CTNNB; MRD19; armadillo
NCBI Protein Information	catenin beta-1
UniProt Protein Name	Catenin beta-1
UniProt Gene Name	CTNNB1
UniProt Synonym Gene Names	CTNNB
UniProt Entry Name	CTNB1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/ctnnbeta1-human-elisa-kits/catenin-beta-1/100895>