

Human Beta-catenin ELISA Kit | CTNNB1 elisa kit

Human Beta-catenin ELISA Kit

CATALOG #
AAA263310

REACTIVITY
Human

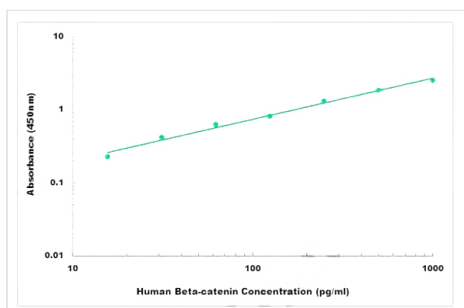
PRODUCT SYNONYMS

Beta-catenin; Human Beta-catenin ELISA Kit; CTNNB; Catenin beta-1; CTNNB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human Beta-catenin ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human Beta-catenin proteins within the range of 15.6 pg/ml - 1000 pg/ml.
Sequence Length	781
Samples	Culture Supernates, Serum, Plasma, Tissue Homogenates
Sensitivity	< 6.4 pg/ml
Detection Method	Colorimetric
Preparation and Storage	Store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTNNB1 elisa kit

Background: Beta-Catenin, also known as CTNNB1, is a cadherin-associated protein that is involved in the regulation of cell adhesion. This multifunctional protein is also implicated in the canonical Wnt signal transduction pathway, acting as a transcriptional co-activator. Nuclear beta-Catenin activates the TCF/LEF family of transcription factors, inducing the transcription of pro-mitotic genes.

Principle of the Assay: The Human Beta-catenin ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human Beta-catenin in Cell Culture Supernates, Serum, Plasma, Tissue Homogenates. This assay employs an antibody specific for Human Beta-catenin coated on a 96-well plate. Standards and samples are pipetted into the wells and Beta-catenin present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human Beta-catenin antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of Beta-catenin bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	461854
NCBI GeneID	1499
UniProt Accession #	P35222; Q8NEW9; Q8NI94; Q9H391; A8K1L7
Molecular Weight	85,497 Da
NCBI Official Full Name	Catenin beta-1
NCBI Official Synonym Full Names	catenin beta 1
NCBI Official Symbol	CTNNB1
NCBI Official Synonym Symbols	EVR7; CTNNB; MRD19; armadillo
NCBI Protein Information	catenin beta-1
UniProt Protein Name	Catenin beta-1
UniProt Gene Name	CTNNB1
UniProt Synonym Gene Names	CTNNB

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://www.aaabiotech.com/ctnnb1-human-elisa-kits/beta-catenin/263310>