

Human beta-Catenin ELISA Kit | beta-Cat elisa kit

Human beta-Catenin ELISA Kit

CATALOG #
AAA84027

REACTIVITY
Human

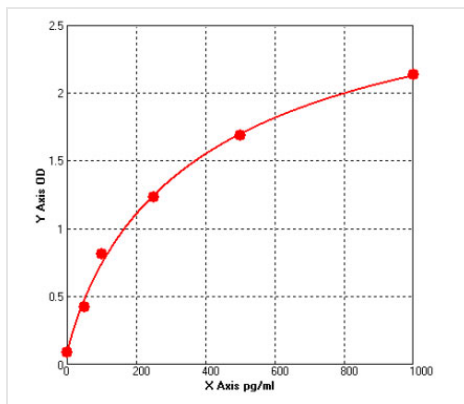
PRODUCT SYNONYMS

beta-Catenin; Human beta-Catenin ELISA Kit; Human b-Catenin ELISA Kit; beta-Cat elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CTNNbeta. No significant cross-reactivity or interference between CTNNbeta and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CTNNbeta and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for beta-Cat elisa kit	Principle of the Assay: CTNNbeta ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CTNNbeta. Standards or samples are then added to the microtiter plate wells and CTNNbeta if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CTNNbeta present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for CTNNbeta are added to each well to "sandwich" the CTNNbeta immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CTNNbeta and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CTNNbeta concentration in each sample is interpolated from this standard curve. Intended Uses: This CTNNbeta ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CTNNbeta. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for beta-Cat elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	860988
NCBI GeneID	1499
UniProt Accession #	P35222; Q8NEW9; Q8NI94; Q9H391; A8K1L7
Molecular Weight	85,497 Da
NCBI Official Full Name	beta-catenin
NCBI Official Synonym Full Names	catenin (cadherin-associated protein), beta 1, 88kDa
NCBI Official Symbol	CTNNB1
NCBI Official Synonym Symbols	CTNNB
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://stage.aaabiotech.com/beta-cat-human-elisa-kits/beta-catenin/84027>