

Mouse catenin (cadherin-associated protein) , beta 1, 88kDa ELISA Kit | CTNNB1 elisa kit

Mouse beta-Catenin, beta-Cat ELISA Kit

CATALOG # AAA80020	REACTIVITY Mouse
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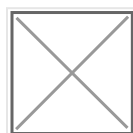
PRODUCT SYNONYMS

catenin (cadherin-associated protein); beta 1; 88kDa; Mouse beta-Catenin; beta-Cat ELISA Kit; Mouse beta-catenin; beta-cat ELISA Kit; CTNNB; DKFZp686D02253; FLJ25606; FLJ37923; OTTHUMP00000209288; beta-catenin; CTNNB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse CTNNB1. No significant cross-reactivity or interference between Mouse CTNNB1 and analogues was observed.
Sequence Length	781
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Cell Adhesion
Protein Biological Process 3	Cell adhesion
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTNNB1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for beta-cat has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any beta-cat present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for beta-cat is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of beta-cat bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	260166642
NCBI GeneID	12387
NCBI Accession #	NP_001159374.1
NCBI GenBank Nucleotide #	NM_001165902.1
UniProt Accession #	Q02248; Q922W1; Q9D335
Molecular Weight	85,471 Da
NCBI Official Full Name	catenin beta-1
NCBI Official Synonym Full Names	catenin (cadherin associated protein), beta 1
NCBI Official Symbol	Ctnnb1
NCBI Official Synonym Symbols	Bfc; Mesc; Catnb
NCBI Protein Information	catenin beta-1; beta-catenin
UniProt Protein Name	Catenin beta-1
UniProt Gene Name	Ctnnb1
UniProt Synonym Gene Names	Catnb
UniProt Entry Name	CTNB1_MOUSE

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/ctnnb1-mouse-elisa-kits/catenin-cadherin-associated-protein-beta-1-88kda/80020>