

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

Rat beta-Catenin ELISA Kit

CATALOG #
AAA85380

REACTIVITY
Rat

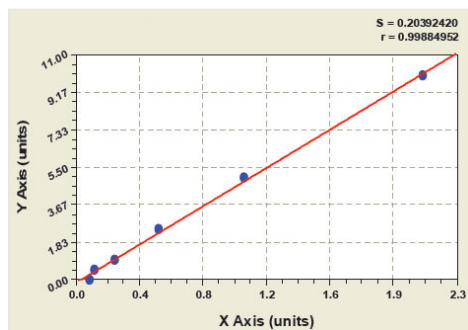
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Intended Uses	This beta-CAT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat beta-CAT. 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 beta-Cat elisa kit

Principle of the Assay: beta-CAT ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for beta-CAT. Standards or samples are then added to the microtiter plate wells and beta-CAT if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of beta-CAT present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for beta-CAT are added to each well to "sandwich" the beta-CAT 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 beta-CAT 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 beta-CAT concentration in each sample is interpolated from this standard curve.

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	9,501 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; MRD19; armadillo
NCBI Protein Information	catenin beta-1
UniProt Protein Name	Catenin beta-1
UniProt Gene Name	CTNNB1
UniProt Synonym Gene Names	CTNNB; OK/SW-cl.35; PRO2286
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-rat-elisa-kits/beta-catenin/85380>