

## Rabbit beta-Catenin ELISA Kit | beta-Cat elisa kit

Rabbit beta-Catenin ELISA Kit

CATALOG #  
**AAA86481**

REACTIVITY  
**Rabbit**

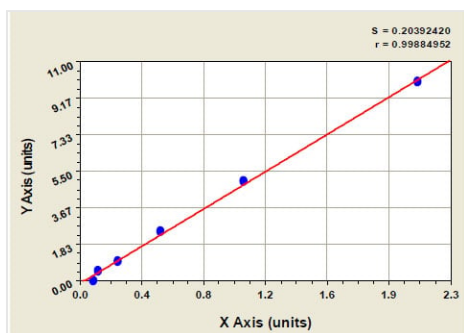
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rabbit                                                                                                                                                                                    |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                |
| Assay Type              | Sandwich                                                                                                                                                                                  |
| Sensitivity             | 0.1 ng/mL.                                                                                                                                                                                |
| Intended Uses           | This ?-CAT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit ?-CAT. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                       |

### IMAGES



### ADDITIONAL INFORMATION

#### Related Product Information for beta-Cat elisa kit

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

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.

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Online datasheet: <https://stage.aaabiotech.com/beta-cat-rabbit-elisa-kits/beta-catenin/86481>