

## Rat Beta-arrestin-1 ELISA Kit | Arrb1 elisa kit

Rat Beta-arrestin-1 ELISA Kit

CATALOG #  
**AAA190906**

REACTIVITY  
**Rat**

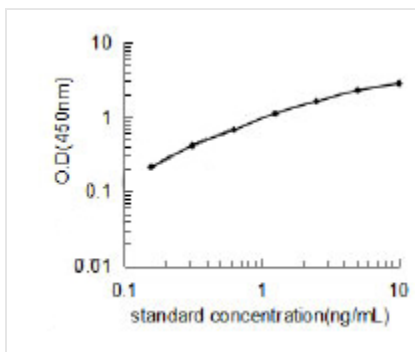
### PRODUCT SYNONYMS

Beta-arrestin-1; Rat Beta-arrestin-1 ELISA Kit; Arrestin beta-1; Arrb1; Arrb1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                   |
| Specificity             | Recombinant and natural Rat Beta-arrestin-1                                           |
| Sequence Length         | 418                                                                                   |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids |
| Detection Range         | 0.156-10 ng/mL                                                                        |
| Sensitivity             | < 0.08 ng/mL                                                                          |
| Intra-assay Precision   | Intra-Assay CV: <=4.4%                                                                |
| Inter-assay Precision   | Inter-Assay CV: <=7.8%                                                                |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C.                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Arrb1 elisa kit | <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.</p> <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                  |
|----------------------------------|------------------|
| NCBI GI #                        | 6978537          |
| NCBI GeneID                      | 25387            |
| NCBI Accession #                 | NP_037042.1      |
| NCBI GenBank Nucleotide #        | NM_012910.2      |
| UniProt Accession #              | P29066           |
| Molecular Weight                 | 47,020 Da        |
| NCBI Official Full Name          | beta-arrestin-1  |
| NCBI Official Synonym Full Names | arrestin, beta 1 |
| NCBI Official Symbol             | Arrb1            |
| NCBI Official Synonym Symbols    | BARRES           |
| NCBI Protein Information         | beta-arrestin-1  |
| UniProt Protein Name             | Beta-arrestin-1  |
| UniProt Gene Name                | Arrb1            |
| UniProt Entry Name               | ARRB1_RAT        |

**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/arrb1-rat-elisa-kits/beta-arrestin-1/190906>