

Mouse Beta-1 adrenergic receptor ELISA Kit | Adrb1 elisa kit

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CATALOG #
AAA193411

REACTIVITY
Mouse

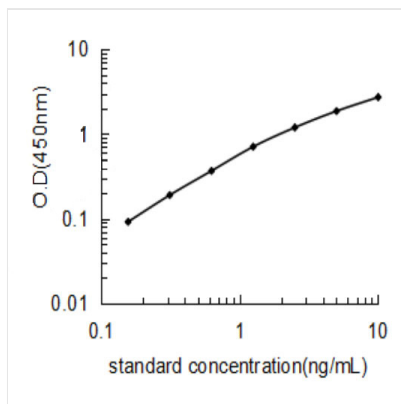
PRODUCT SYNONYMS

Beta-1 adrenergic receptor; Mouse Beta-1 adrenergic receptor ELISA Kit; Beta-1 adrenoreceptor; Beta-1 adrenoceptor; Adrb1; Adrb1r; Adrb1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Beta-1 adrenergic receptor
Sequence Length	466
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.06 ng/mL
Intra-assay Precision	<=4.6%
Inter-assay Precision	<=7.9%
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 Adrb1 elisa kit	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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	158517827
NCBI GeneID	11554
NCBI Accession #	NP_031445.2
NCBI GenBank Nucleotide #	NM_007419.2
UniProt Accession #	P34971; B2RVY4
Molecular Weight	50,494 Da
NCBI Official Full Name	beta-1 adrenergic receptor
NCBI Official Synonym Full Names	adrenergic receptor, beta 1
NCBI Official Symbol	Adrb1
NCBI Official Synonym Symbols	Adrb-1; beta-AR
NCBI Protein Information	beta-1 adrenergic receptor
UniProt Protein Name	Beta-1 adrenergic receptor
UniProt Gene Name	Adrb1
UniProt Synonym Gene Names	Adrb1r; Beta-1 adrenoceptor
UniProt Entry Name	ADRB1_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/adrb1-mouse-elisa-kits/beta-1-adrenergic-receptor/193411>