

Rat Beta-2 adrenergic receptor ELISA Kit | Adrb2 elisa kit

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CATALOG #
AAA57221

REACTIVITY
Rat

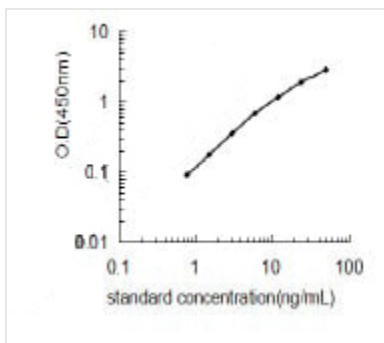
PRODUCT SYNONYMS

Beta-2 adrenergic receptor; Rat Beta-2 adrenergic receptor ELISA Kit; Beta-2 adrenoreceptor; Beta-2 adrenoceptor; Adrb2; Adrb2r; Adrb2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Beta-2 adrenergic receptor
Sequence Length	418
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.78-50 ng/mL
Sensitivity	< 0.42 ng/mL
Intra-assay Precision	Intra-Assay CV: <=4.9%
Inter-assay Precision	Inter-Assay CV: <=9.3%
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 Adrb2 elisa kit	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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	114768
NCBI GeneID	24176
UniProt Accession #	P10608; Q6LCR3
Molecular Weight	46,891 Da
NCBI Official Full Name	Beta-2 adrenergic receptor
NCBI Official Synonym Full Names	adrenoceptor beta 2
NCBI Official Symbol	Adrb2
NCBI Protein Information	beta-2 adrenergic receptor
UniProt Protein Name	Beta-2 adrenergic receptor
UniProt Gene Name	Adrb2
UniProt Synonym Gene Names	Adrb2r; Beta-2 adrenoceptor
UniProt Entry Name	ADRB2_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.