

Monkey Anti beta 1 Adrenergic Receptor antibodies ELISA Kit | b1AR elisa kit

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CATALOG #
AAA94442

REACTIVITY
Monkey

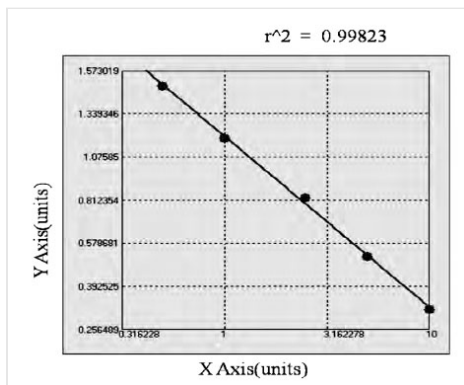
PRODUCT SYNONYMS

Anti beta 1 Adrenergic Receptor antibodies; Monkey Anti beta 1 Adrenergic Receptor antibodies ELISA Kit; b1AR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This ANTI-B1AR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey ANTI-B1AR. 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 b1AR elisa kit

Principle of the assay: ANTI-B1AR ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ANTI-B1AR antibody and an ANTI-B1AR-HRP conjugate. The assay sample and buffer are incubated together with ANTI-B1AR-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ANTI-B1AR concentration since ANTI-B1AR from samples and ANTI-B1AR-HRP conjugate compete for the anti-ANTI-B1AR antibody binding site. Since the number of sites is limited, as more sites are occupied by ANTI-B1AR from the sample, fewer sites are left to bind ANTI-B1AR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANTI-B1AR concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557265
NCBI GeneID	153
NCBI Accession #	NP_000675.1
NCBI GenBank Nucleotide #	NM_000684.2
Molecular Weight	51,323 Da
NCBI Official Full Name	beta-1 adrenergic receptor
NCBI Official Synonym Full Names	adrenoceptor beta 1
NCBI Official Symbol	ADRB1
NCBI Official Synonym Symbols	RHR; B1AR; ADRB1R; BETA1AR
NCBI Protein Information	beta-1 adrenergic receptor; beta-1 adrenoceptor; beta-1 adrenoreceptor; adrenergic, beta-1-, receptor
UniProt Protein Name	Beta-1 adrenergic receptor
UniProt Gene Name	ADRB1
UniProt Synonym Gene Names	ADRB1R; B1AR; Beta-1 adrenoceptor
UniProt Entry Name	ADRB1_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://www.aaabiotech.com/b1ar-monkey-elisa-kits/anti-beta-1-adrenergic-receptor-antibodies/94442>