

Human Alpha-2A Adrenergic Receptor, ADRA2A ELISA Kit | ADRA2A elisa kit

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CATALOG #
AAA123183

REACTIVITY
Human

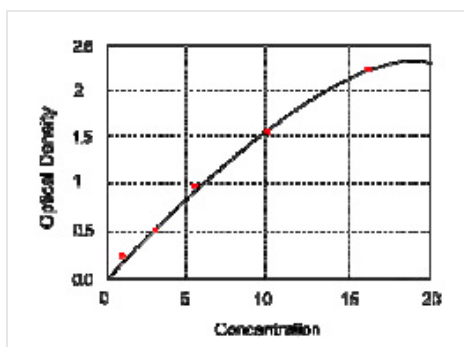
PRODUCT SYNONYMS

Alpha-2A Adrenergic Receptor; ADRA2A; Human Alpha-2A Adrenergic Receptor; ADRA2A ELISA Kit; ADRA2A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	465
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/L-200ng/L
Sensitivity	0.28ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADRA2A elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Adrenocorticotrophic Hormone (also known as ACTH) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human ACTH antibody. ACTH present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human ACTH Antibody is added and binds to ACTH in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ACTHantibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human ACTH. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194353970
NCBI GeneID	150
NCBI GenBank Nucleotide #	NP_000672.3
UniProt Accession #	P08913
NCBI Official Full Name	alpha-2A adrenergic receptor
NCBI Official Synonym Full Names	adrenoceptor alpha 2A
NCBI Official Symbol	ADRA2A
NCBI Official Synonym Symbols	ADRA2; ADRAR; ZNF32; ADRA2R; ALPHA2AAR
NCBI Protein Information	alpha-2A adrenergic receptor
UniProt Protein Name	Alpha-2A adrenergic receptor
UniProt Gene Name	ADRA2A
UniProt Synonym Gene Names	ADRA2R; ADRAR; Alpha-2A adrenoceptor; Alpha-2AAR
UniProt Entry Name	ADA2A_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.