

Rat Adra2a (Alpha-2A adrenergic receptor) ELISA Kit | Adra2a elisa kit

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CATALOG #
AAA249938

REACTIVITY
Rat

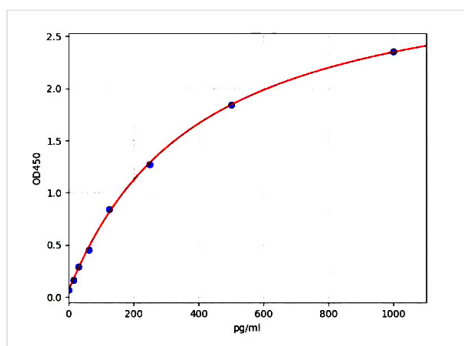
PRODUCT SYNONYMS

Adra2a (Alpha-2A adrenergic receptor); Rat Adra2a (Alpha-2A adrenergic receptor) ELISA Kit; Alpha-2A adrenergic receptor; Alpha-2A adrenoreceptor; Alpha-2A adrenoceptor; Alpha-2AAR; Alpha-2D adrenergic receptor; CA2-47; Adra2a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Adra2a. No significant cross-reactivity or interference between Adra2a and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Adra2a elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	340805866
NCBI GeneID	25083
NCBI Accession #	NP_036871.3
NCBI GenBank Nucleotide #	NM_012739.3
UniProt Accession #	P22909
Molecular Weight	48,940 Da
NCBI Official Full Name	alpha-2A adrenergic receptor
NCBI Official Synonym Full Names	adrenoceptor alpha 2A
NCBI Official Symbol	Adra2a
NCBI Official Synonym Symbols	RG20; CA2-47; RATRG20
NCBI Protein Information	alpha-2A adrenergic receptor; alpha-2AAR; alpha-2A adrenoceptor; alpha-2A adrenoreceptor; alpha-2D adrenergic receptor; adrenergic receptor, alpha 2a; adrenergic, alpha-2A-, receptor
UniProt Protein Name	Alpha-2A adrenergic receptor
UniProt Gene Name	Adra2a
UniProt Synonym Gene Names	Alpha-2A adrenoceptor; Alpha-2AAR
UniProt Entry Name	ADA2A_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/rat-elisa-kits/adra2a-alpha-2a-adrenergic-receptor/249938>