

Rat Adenosine A2a Receptor ELISA Kit | ADORA2a elisa kit

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CATALOG #
AAA99090

REACTIVITY
Rat

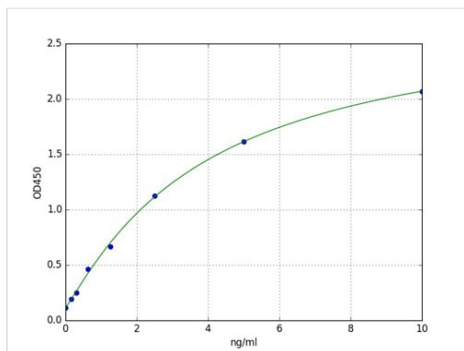
PRODUCT SYNONYMS

Adenosine A2a Receptor; Rat Adenosine A2a Receptor ELISA Kit; ADORA2a; ADORA2a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	412
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
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



Typical Data & Standard Curve
Results of a typical standard run of a Rat ADORA2a ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.002	0.063	0.118	0.228	0.437	0.739	1.318	2.698

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADORA2a elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat ADORA2a antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat ADORA2a antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Rat ADORA2a amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat ADORA2a can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

119580062

NCBI GeneID	135
Molecular Weight	44,707 Da
NCBI Official Full Name	adenosine A2a receptor
NCBI Official Synonym Full Names	adenosine A2a receptor
NCBI Official Symbol	ADORA2A
NCBI Official Synonym Symbols	A2aR; RDC8; ADORA2
NCBI Protein Information	adenosine receptor A2a
UniProt Protein Name	Adenosine receptor A2a
UniProt Gene Name	ADORA2A
UniProt Synonym Gene Names	ADORA2
UniProt Entry Name	AA2AR_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://stage.aaabiotech.com/adora2a-rat-elisa-kits/adenosine-a2a-receptor/99090>