

Rat Adenosine A2b Receptor ELISA Kit | ADORA2b elisa kit

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CATALOG #
AAA99383

REACTIVITY
Rat

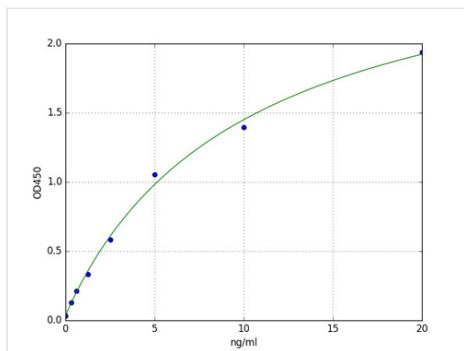
PRODUCT SYNONYMS

Adenosine A2b Receptor; Rat Adenosine A2b Receptor ELISA Kit; ADORA2b; ADORA2b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	332
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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 ADORA2b 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	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.080	0.153	0.230	0.356	0.711	1.224	1.922	2.831

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADORA2b elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat ADORA2b antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat ADORA2b 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 ADORA2b amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat ADORA2b can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

178150

NCBI GeneID	136
Molecular Weight	36,333 Da
NCBI Official Full Name	adenosine A2b receptor
NCBI Official Synonym Full Names	adenosine A2b receptor
NCBI Official Symbol	ADORA2B
NCBI Official Synonym Symbols	ADORA2
NCBI Protein Information	adenosine receptor A2b
UniProt Protein Name	Adenosine receptor A2b
UniProt Gene Name	ADORA2B
UniProt Entry Name	AA2BR_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/adora2b-rat-elisa-kits/adenosine-a2b-receptor/99383>