

Rat Adenosine A3 Receptor ELISA Kit | ADORA3 elisa kit

Rat Adenosine A3 Receptor ELISA Kit

CATALOG #
AAA101167

REACTIVITY
Rat

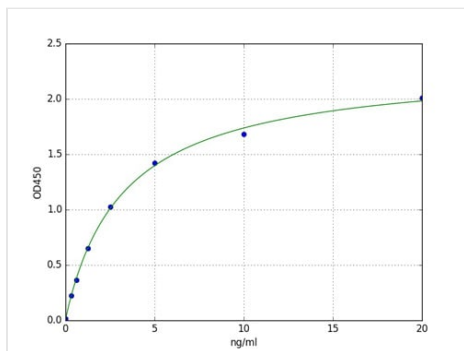
PRODUCT SYNONYMS

Adenosine A3 Receptor; Rat Adenosine A3 Receptor ELISA Kit; ADORA3; ADORA3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	8
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



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat ADORA3 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	0.014	0.214	0.347	0.717	1.046	1.508	1.878	1.966

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADORA3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat ADORA3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat ADORA3 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 ADORA3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat ADORA3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4262078

NCBI GeneID	140
Molecular Weight	38,976 Da
NCBI Official Full Name	adenosine A3 receptor, partial
NCBI Official Synonym Full Names	adenosine A3 receptor
NCBI Official Symbol	ADORA3
NCBI Official Synonym Symbols	A3AR
NCBI Protein Information	adenosine receptor A3
UniProt Protein Name	Adenosine receptor A3
UniProt Gene Name	ADORA3
UniProt Entry Name	AA3R_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/adora3-rat-elisa-kits/adenosine-a3-receptor/101167>