

Human Adenosine receptor A1 ELISA Kit | ADORA1 elisa kit

Human Adenosine receptor A1 ELISA Kit

CATALOG #
AAA100240

REACTIVITY
Human

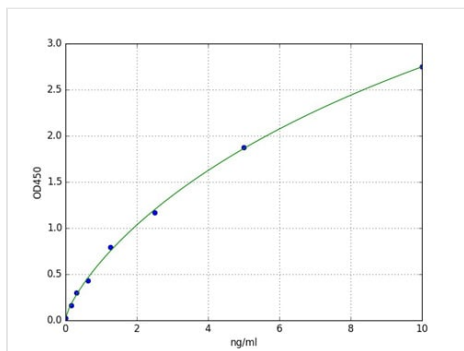
PRODUCT SYNONYMS

Adenosine receptor A1; Human Adenosine receptor A1 ELISA Kit; ADORA1/Adenosine receptor A1; ADORA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	326
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



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human ADORA1 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	0.049	0.080	0.115	0.181	0.303	0.573	1.095	1.813

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADORA1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human ADORA1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human ADORA1 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 Human ADORA1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human ADORA1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

115305569

NCBI GeneID	134
NCBI Accession #	NP_001041695.1
NCBI GenBank Nucleotide #	NM_001048230.1
Molecular Weight	13,348 Da
NCBI Official Full Name	adenosine receptor A1
NCBI Official Synonym Full Names	adenosine A1 receptor
NCBI Official Symbol	ADORA1
NCBI Official Synonym Symbols	RDC7
NCBI Protein Information	adenosine receptor A1
UniProt Protein Name	Adenosine receptor A1
UniProt Gene Name	ADORA1
UniProt Entry Name	AA1R_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/adora1-human-elisa-kits/adenosine-receptor-a1/100240>