

Mouse Adenosine receptor A3 (ADORA3) ELISA Kit | ADORA3 elisa kit

Mouse Adenosine receptor A3 (ADORA3) ELISA Kit

CATALOG #
AAA246012

REACTIVITY
Mouse

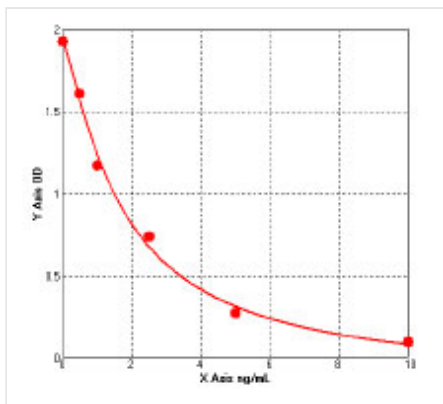
PRODUCT SYNONYMS

Adenosine receptor A3 (ADORA3); Mouse Adenosine receptor A3 (ADORA3) ELISA Kit; ADORA3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of ADORA3. No significant cross-reactivity or interference between ADORA3 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ADORA3 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADORA3 elisa kit	Principle of the Assay: ADORA3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ADORA3 antibody and an ADORA3-HRP conjugate. The assay sample and buffer are incubated together with ADORA3-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ADORA3 concentration since ADORA3 from samples and ADORA3-HRP conjugate compete for the anti-ADORA3 antibody binding site. Since the number of sites is limited, as more sites are occupied by ADORA3 from the sample, fewer sites are left to bind ADORA3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ADORA3 concentration in each sample is interpolated from this standard curve. Intended Uses: This ADORA3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ADORA3. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for ADORA3 elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	440548
NCBI GeneID	140
UniProt Accession #	P33765; Q6UWU0; Q9BYZ1; A2A3P4; Q6P2N6
Molecular Weight	30,327 Da
NCBI Official Full Name	adenosine receptor A3
NCBI Official Synonym Full Names	adenosine A3 receptor
NCBI Official Symbol	ADORA3
NCBI Official Synonym Symbols	A3AR; AD026; bA552M11.5
NCBI Protein Information	adenosine receptor A3
UniProt Protein Name	Adenosine receptor A3
UniProt Gene Name	ADORA3
UniProt Synonym Gene Names	UNQ1931/PRO4406
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/mouse-elisa-kits/adenosine-receptor-a3-adora3/246012>