

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

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CATALOG #
AAA245901

REACTIVITY
Human

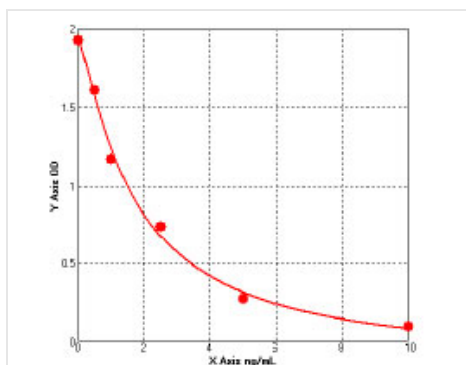
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/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

Intended Uses: This ADMA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine ADMA. This ELISA kit for research use only!

Principle of the Assay: ADMA ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ADMA antibody and an ADMA-HRP conjugate. The assay sample and buffer are incubated together with ADMA-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 ADMA concentration since ADMA from samples and ADMA-HRP conjugate compete for the anti-ADMA antibody binding site. Since the number of sites is limited, as more sites are occupied by ADMA from the sample, fewer sites are left to bind ADMA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ADMA concentration in each sample is interpolated from this standard curve.

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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/adenosine-receptor-a3-adora3/245901>