

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

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CATALOG #
AAA277887

REACTIVITY
Mouse

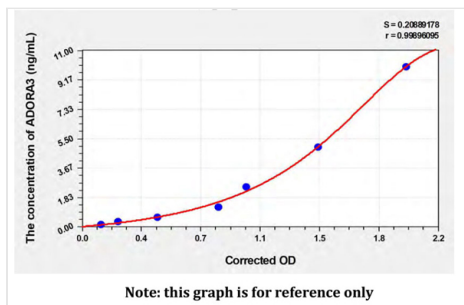
PRODUCT SYNONYMS

ADORA3 (Adenosine A3 Receptor); Mouse ADORA3 (Adenosine A3 Receptor) ELISA Kit; A3AR; AD026; ADORA3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse ADORA3. No significant cross-reactivity or interference between Mouse ADORA3 and analogues was observed.
Assay Type	Sandwich
Detection Range	0.16-10 ng/mL
Sensitivity	0.067 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADORA3 elisa kit

Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse ADORA3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse ADORA3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mouse ADORA3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Mouse ADORA3 in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20141280
NCBI GeneID	11542
UniProt Accession #	Q61618; Q9R202
Molecular Weight	36,449 Da
NCBI Official Full Name	Adenosine receptor A3
NCBI Official Synonym Full Names	adenosine A3 receptor
NCBI Official Symbol	Adora3
NCBI Official Synonym Symbols	A3R; A3AR; AA3R; ARA3; Gpcr2; 1700001D09Rik; 4930578J19Rik
NCBI Protein Information	adenosine receptor A3; Gpcr 2; G-protein coupled receptor 2
UniProt Protein Name	Adenosine receptor A3
UniProt Gene Name	Adora3
UniProt Synonym Gene Names	Gpcr2
UniProt Entry Name	AA3R_MOUSE

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/mouse-elisa-kits/adora3-adenosine-a3-receptor/277887>