

Human Adenosine A2b Receptor (ADORA2b) ELISA Kit | ADORA2b elisa kit

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CATALOG #
AAA65452

REACTIVITY
Human

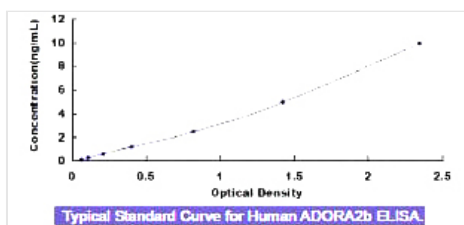
PRODUCT SYNONYMS

Adenosine A2b Receptor (ADORA2b); Human Adenosine A2b Receptor (ADORA2b) ELISA Kit; ADORA2b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ADORA2b. No significant cross-reactivity or interference between ADORA2b and analogues was observed.
Sequence Length	332
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.061ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ADORA2b were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ADORA2b were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADORA2b elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ADORA2b in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ADORA2b. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ADORA2b. 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 ADORA2b, 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 ADORA2b in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4501951
NCBI GeneID	136
NCBI Accession #	NP_000667.1
NCBI GenBank Nucleotide #	NM_000676.2
UniProt Accession #	P29275
Molecular Weight	36,333 Da
NCBI Official Full Name	adenosine receptor A2b
NCBI Official Synonym Full Names	adenosine A2b receptor
NCBI Official Symbol	ADORA2B
NCBI Official Synonym Symbols	ADORA2
NCBI Protein Information	adenosine receptor A2b
UniProt Protein Name	Adenosine receptor A2b
UniProt Gene Name	ADORA2B

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://www.aaabiotech.com/human-elisa-kits/adenosine-a2b-receptor-adora2b/65452>