

Human Adenosine Receptor A2b (ADORA2B) ELISA Kit | ADORA2B elisa kit

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CATALOG #
AAA331131

REACTIVITY
Human

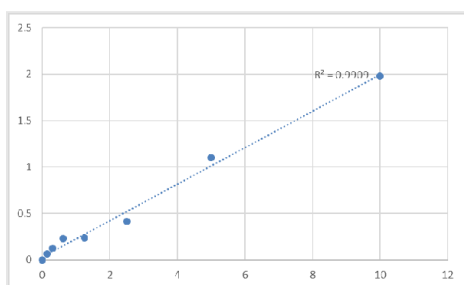
PRODUCT SYNONYMS

Adenosine Receptor A2b (ADORA2B); Human Adenosine Receptor A2b (ADORA2B) ELISA Kit; ADORA2B; ADORA2; ADORA2B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Adenosine receptor A2b (ADORA2B) ELISA Kit has high sensitivity and excellent specificity for detection of Human ADORA2B. No significant cross-reactivity or interference between Human ADORA2B and analogues was observed.
Sequence Length	332
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Adenosine receptor A2b (ADORA2B) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for ADORA2B elisa kit	Description: This Human Adenosine receptor A2b (ADORA2B) ELISA Kit employs a two-site sandwich ELISA to quantitate ADORA2B in samples. An antibody specific for ADORA2B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ADORA2B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ADORA2B is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ADORA2B bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Adenosine receptors serve as important mediators of a diversity of physiologic processes throughout the body. These receptors are members of the G protein-coupled receptor superfamily, a class of cell-surface receptors that, when activated, couple to a heterotrimeric G protein complex to effect signal transduction. ADORA2b encodes an adenosine receptor that is a member of the G protein-coupled receptor superfamily. This integral membrane protein stimulates adenylate cyclase activity in the presence of adenosine. This protein also interacts with netrin-1, which is involved in axon elongation. The gene is located near the Smith-Magenis syndrome region on chromosome 17.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4501951
NCBI GeneID	136
NCBI Accession #	NP_000667
NCBI GenBank Nucleotide #	NP_000667.1
UniProt Accession #	P29275
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
UniProt Entry Name	AA2BR_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.