

Porcine Adenosine receptor A2b (ADORA2B) ELISA Kit | ADORA2B elisa kit

Porcine Adenosine receptor A2b (ADORA2B) ELISA Kit

CATALOG #
AAA246643

REACTIVITY
Porcine

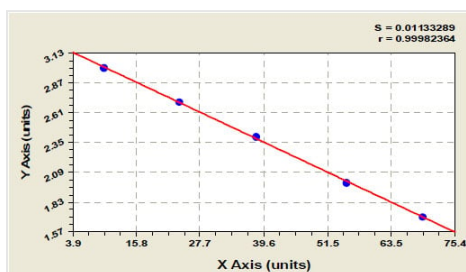
PRODUCT SYNONYMS

Adenosine receptor A2b (ADORA2B); Porcine Adenosine receptor A2b (ADORA2B) ELISA Kit; ADORA2B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This ADORA2B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine ADORA2B. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADORA2B elisa kit

Principle of the assay: ADORA2B ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ADORA2B antibody and an ADORA2B-HRP conjugate. The assay sample and buffer are incubated together with ADORA2B-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 ADORA2B concentration since ADORA2B from samples and ADORA2B-HRP conjugate compete for the anti-ADORA2B antibody binding site. Since the number of sites is limited, as more sites are occupied by ADORA2B from the sample, fewer sites are left to bind ADORA2B-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ADORA2B concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ADORA2B elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501951
NCBI GeneID	136
NCBI Accession #	NP_000667.1
NCBI GenBank Nucleotide #	NM_000676.2
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/porcine-elisa-kits/adenosine-receptor-a2b-adora2b/246643>