

Human adrenergic, beta, receptor kinase 1 ELISA Kit | ADRBK1 elisa kit

Human Beta-adrenergic receptor kinase 1, ADRBK1 ELISA Kit

CATALOG #
AAA18220

REACTIVITY
Human

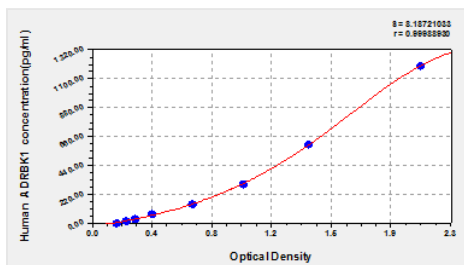
PRODUCT SYNONYMS

adrenergic; beta; receptor kinase 1; Human Beta-adrenergic receptor kinase 1; ADRBK1 ELISA Kit; Human Beta-adrenergic receptor kinase 1 (ADRBK1) ELISA kit; BARK1; BETA-ARK1; FLJ16718; GRK2; beta-adrenergic receptor kinase 1; ADRBK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ADRBK1. No significant cross-reactivity or interference between human ADRBK1 and analogues was observed.
Sequence Length	689
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	18.75 pg/ml -1200 pg/ml
Sensitivity	Typically less than 4.68 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADRBK1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ADRBK1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ADRBK1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ADRBK1 is added to the wells. After washing, avidin 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 ADRBK1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148539876
NCBI GeneID	156
NCBI Accession #	NP_001610.2
NCBI GenBank Nucleotide #	NM_001619.3
UniProt Accession #	P25098; Q13837; Q6GTT3; B0ZBE1
Molecular Weight	79,574 Da
NCBI Official Full Name	beta-adrenergic receptor kinase 1
NCBI Official Synonym Full Names	adrenergic, beta, receptor kinase 1
NCBI Official Symbol	ADRBK1
NCBI Official Synonym Symbols	GRK2; BARK1; BETA-ARK1
NCBI Protein Information	beta-adrenergic receptor kinase 1; beta-ARK-1; G-protein coupled receptor kinase 2
UniProt Protein Name	Beta-adrenergic receptor kinase 1
UniProt Gene Name	ADRBK1
UniProt Synonym Gene Names	BARK; BARK1; GRK2; Beta-ARK-1
UniProt Entry Name	ARBK1_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/adrbk1-human-elisa-kits/adrenergic-beta-receptor-kinase-1/18220>