

Mouse Prokineticin Receptor 1 ELISA Kit | PKR1 elisa kit

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CATALOG #
AAA84082

REACTIVITY
Mouse

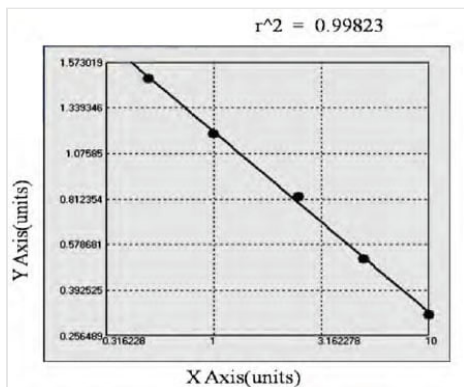
PRODUCT SYNONYMS

Prokineticin Receptor 1; Mouse Prokineticin Receptor 1 ELISA Kit; PKR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This PKR1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of mouse PKR1. 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 PKR1 elisa kit

Principle of the Assay: PKR1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PKR1 antibody and an PKR1-HRP conjugate. The assay sample and buffer are incubated together with PKR1-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 PKR1 concentration since PKR1 from samples and PKR1-HRP conjugate compete for the anti-PKR1 antibody binding site. Since the number of sites is limited, as more sites are occupied by PKR1 from the sample, fewer sites are left to bind PKR1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PKR1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20373179
NCBI GeneID	10887
NCBI Accession #	NP_620414.1
NCBI GenBank Nucleotide #	NM_138964.2
Molecular Weight	44,770 Da
NCBI Official Full Name	prokineticin receptor 1
NCBI Official Synonym Full Names	prokineticin receptor 1
NCBI Official Symbol	PROKR1
NCBI Official Synonym Symbols	ZAQ; PKR1; GPR73; GPR73a
NCBI Protein Information	prokineticin receptor 1; PK-R1; G protein-coupled receptor 73; G-protein coupled receptor 73; G protein-coupled receptor ZAQ; G-protein coupled receptor ZAQ
UniProt Protein Name	Prokineticin receptor 1
UniProt Gene Name	PROKR1
UniProt Synonym Gene Names	GPR73; PKR1; PK-R1
UniProt Entry Name	PKR1_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/pkr1-mouse-elisa-kits/prokineticin-receptor-1/84082>