

Rabbit Prokineticin Receptor 2 ELISA Kit | PKR2 elisa kit

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CATALOG #
AAA81925

REACTIVITY
Rabbit

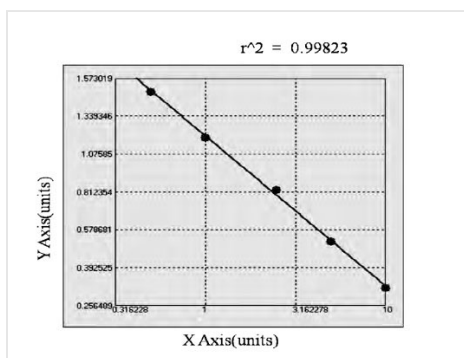
PRODUCT SYNONYMS

Prokineticin Receptor 2; Rabbit Prokineticin Receptor 2 ELISA Kit; PKR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This PKR2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit PKR2. 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 PKR2 elisa kit

Principle of the assay: PKR2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PKR2 antibody and an PKR2-HRP conjugate. The assay sample and buffer are incubated together with PKR2-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 PKR2 concentration since PKR2 from samples and PKR2-HRP conjugate compete for the anti-PKR2 antibody binding site. Since the number of sites is limited, as more sites are occupied by PKR2 from the sample, fewer sites are left to bind PKR2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PKR2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21426829
NCBI GeneID	128674
NCBI Accession #	NP_658986.1
NCBI GenBank Nucleotide #	NM_144773.2
Molecular Weight	43,996 Da
NCBI Official Full Name	prokineticin receptor 2
NCBI Official Synonym Full Names	prokineticin receptor 2
NCBI Official Symbol	PROKR2
NCBI Official Synonym Symbols	HH3; KAL3; PKR2; GPRg2; GPR73b; GPR73L1; dJ680N4.3
NCBI Protein Information	prokineticin receptor 2; PK-R2; G protein-coupled receptor 73-like 1
UniProt Protein Name	Prokineticin receptor 2
UniProt Gene Name	PROKR2
UniProt Synonym Gene Names	GPR73L1; PKR2; PK-R2
UniProt Entry Name	PKR2_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/pkr2-rabbit-elisa-kits/prokineticin-receptor-2/81925>