

Human Prokineticin Receptor 2 ELISA Kit | PKR2 elisa kit

Human Prokineticin Receptor 2 ELISA Kit

CATALOG #
AAA100098

REACTIVITY
Human

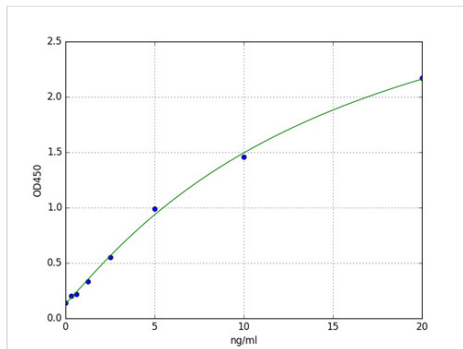
PRODUCT SYNONYMS

Prokineticin Receptor 2; Human Prokineticin Receptor 2 ELISA Kit; PKR2/GPR73L1/GPRg2/KAL3/PKR2/PROKR2/dJ680N4.3/G protein-coupled receptor 73-like 1/GPR73bG-protein coupled receptor 73-like 1/GPR73L1Kallmann syndrome 3 (autosomal dominant)/GPRg2KAL3/PKR2PK-R2/prokineticin receptor 2; PKR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	384
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve
Results of a typical standard run of a Human PKR2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.021	0.081	0.160	0.226	0.473	0.839	1.284	2.071

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PKR2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human PKR2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PKR2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human PKR2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PKR2 can be calculated.

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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/pkr2-human-elisa-kits/prokineticin-receptor-2/100098>