

Human Plakophilin 2 (PKP2) ELISA Kit | PKP2 elisa kit

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CATALOG #
AAA42306

REACTIVITY
Human

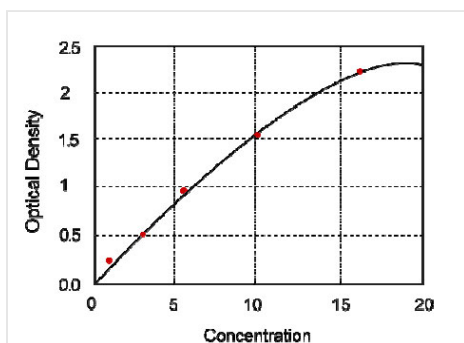
PRODUCT SYNONYMS

Plakophilin 2 (PKP2); Human Plakophilin 2 (PKP2) ELISA Kit; PKP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	837
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	10-2000ng/L
Sensitivity	5.19ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PKP2 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human PKP2 antibody. PKP2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human PKP2 Antibody is added and binds to PKP2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PKP2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human PKP2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Plakophilin 2 (also known as PKP2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	219518981
NCBI GeneID	5318
UniProt Accession #	Q99959; Q4VC01; Q99960; A0AV37; B8QFA1; B8QGS6; B8QGS7; D3DUW9
Molecular Weight	92,756 Da
NCBI Official Full Name	Plakophilin 2
NCBI Official Synonym Full Names	plakophilin 2
NCBI Official Symbol	PKP2
NCBI Official Synonym Symbols	ARVD9
NCBI Protein Information	plakophilin-2
UniProt Protein Name	Plakophilin-2
UniProt Gene Name	PKP2

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/human-elisa-kits/plakophilin-2-pkp2/42306>