

Human PKP2 ELISA Kit | PKP2 elisa kit

Human PKP2 (Plakophilin 2) ELISA Kit

CATALOG #
AAA165458

REACTIVITY
Human

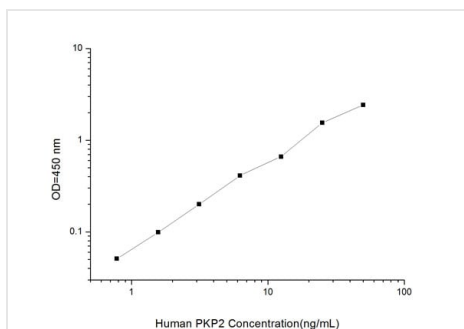
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human PKP2. No significant cross-reactivity or interference between Human PKP2 and analogues was observed.
Sequence Length	881
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	Min: 0.469ng/mL; Max: 50ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PKP2 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanPKP2concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to PKP2. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for PKP2and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain PKP2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of PKP2.You can calculate the concentration of PKP2in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148664226
NCBI GeneID	5318
NCBI Accession #	NP_004563.2
NCBI GenBank Nucleotide #	NM_004572.3
UniProt Accession #	Q99959; Q4VC01; Q99960; A0AV37; B8QFA1; B8QGS6; B8QGS7; D3DUW9
Molecular Weight	92,756 Da
NCBI Official Full Name	plakophilin-2 isoform 2b
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
UniProt Entry Name	PKP2_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/human-elisa-kits/pkp2/165458>