

Human Polycystin-1 ELISA Kit | PKD1 elisa kit

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CATALOG #
AAA23287

REACTIVITY
Human

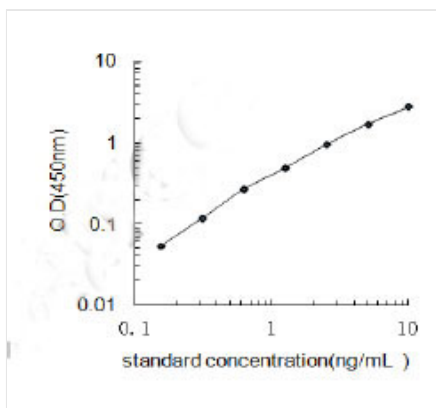
PRODUCT SYNONYMS

Polycystin-1; Human Polycystin-1 ELISA Kit; Autosomal dominant polycystic kidney disease 1 protein; PKD1; PKD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Lactotransferrin, Lactoferrin
Sequence Length	4302
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Intra-assay Precision	Intra-Assay CV: <=4.3%
Inter-assay Precision	Inter-Assay CV: <=7.5%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PKD1 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	205360962
NCBI GeneID	5310
NCBI Accession #	NP_000287.3
NCBI GenBank Nucleotide #	NM_000296.3
UniProt Accession #	P98161; Q15140; Q15141
Molecular Weight	462,401 Da
NCBI Official Full Name	polycystin-1 isoform 2
NCBI Official Synonym Full Names	polycystin 1, transient receptor potential channel interacting
NCBI Official Symbol	PKD1
NCBI Official Synonym Symbols	PBP; Pc-1; TRPP1
NCBI Protein Information	polycystin-1
UniProt Protein Name	Polycystin-1
UniProt Gene Name	PKD1
UniProt Entry Name	PKD1_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/pkd1-human-elisa-kits/polycystin-1/23287>