

Mouse Polycystin-1 ELISA Kit | Pkd1 elisa kit

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CATALOG #
AAA23193

REACTIVITY
Mouse

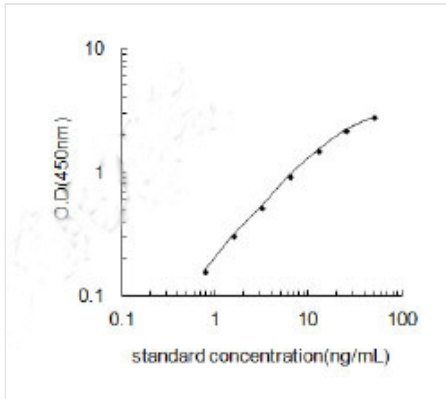
PRODUCT SYNONYMS

Polycystin-1; Mouse Polycystin-1 ELISA Kit; Autosomal dominant polycystic kidney disease 1 protein homolog; Pkd1; Pkd1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Polycystin-1
Sequence Length	4293
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Intra-assay Precision	<=7.1%
Inter-assay Precision	<=11.1%
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 #	124487380
NCBI GeneID	18763
NCBI Accession #	NP_038658.2
NCBI GenBank Nucleotide #	NM_013630.2
UniProt Accession #	O08852; E9QJR6
Molecular Weight	466,577 Da
NCBI Official Full Name	polycystin-1
NCBI Official Synonym Full Names	polycystic kidney disease 1 homolog
NCBI Official Symbol	Pkd1
NCBI Official Synonym Symbols	PC1; mFLJ00285
NCBI Protein Information	polycystin-1
UniProt Protein Name	Polycystin-1
UniProt Gene Name	Pkd1
UniProt Entry Name	PKD1_MOUSE

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://www.aaabiotech.com/pkd1-mouse-elisa-kits/polycystin-1/23193>