

Mouse Polycystin-2 ELISA Kit | Pkd2 elisa kit

Mouse Polycystin-2 ELISA Kit

CATALOG #
AAA191910

REACTIVITY
Mouse

PRODUCT SYNONYMS

Polycystin-2; Mouse Polycystin-2 ELISA Kit; Polycystic kidney disease 2 protein homolog; Pkd2; Pkd2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	966
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

ADDITIONAL INFORMATION

Related Product Information for Pkd2 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 #	164519057
NCBI GeneID	18764
NCBI Accession #	NP_032887.3
NCBI GenBank Nucleotide #	NM_008861.3
UniProt Accession #	O35245; Q8BPR6; Q9ES37; Q9QWP0; Q9Z193; Q9Z194; C0KJK2; E9Q4F6; E9QQA3
Molecular Weight	98,082 Da
NCBI Official Full Name	polycystin-2
NCBI Official Synonym Full Names	polycystic kidney disease 2
NCBI Official Symbol	Pkd2
NCBI Official Synonym Symbols	PC2; TRPP2; C030034P18Rik
NCBI Protein Information	polycystin-2
UniProt Protein Name	Polycystin-2

UniProt Gene Name	Pkd2
UniProt Entry Name	PKD2_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/pkd2-mouse-elisa-kits/polycystin-2/191910>