

Human podocin (PDCN) ELISA Kit | PDCN elisa kit

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CATALOG #
AAA41752

REACTIVITY
Human

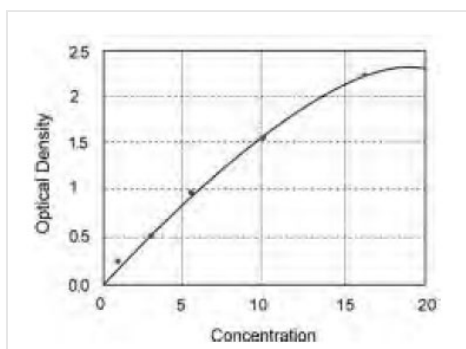
PRODUCT SYNONYMS

podocin (PDCN); Human podocin (PDCN) ELISA Kit; PDCN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	383
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.5-200ng/ml
Sensitivity	0.2ng/ml
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 PDCN elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human NPHS2 antibody. NPHS2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human NPHS2 Antibody is added and binds to NPHS2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NPHS2 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 NPHS2. 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 podocin (also known as NPHS2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7657615
NCBI GeneID	7827
NCBI Accession #	NP_055440.1
NCBI GenBank Nucleotide #	NM_014625.3
UniProt Accession #	Q9NP85; Q8N6Q5; B1AM32; B1AM33
Molecular Weight	34,421 Da
NCBI Official Full Name	podocin isoform 1
NCBI Official Synonym Full Names	NPHS2, podocin
NCBI Official Symbol	NPHS2
NCBI Official Synonym Symbols	PDCN; SRN1
NCBI Protein Information	podocin
UniProt Protein Name	Podocin
UniProt Gene Name	NPHS2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/podocin-pdcn/41752>