

Human Podocin ELISA Kit | NPHS2 elisa kit

Human Podocin (NPHS2) ELISA Kit

CATALOG # AAA55412	REACTIVITY Human
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PRODUCT SYNONYMS

Podocin; Human Podocin (NPHS2) ELISA Kit; NPHS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human NPHS2. No significant cross-reactivity or interference between Human NPHS2 and analogues was observed.
Sequence Length	383
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, urine and other biological fluids
Detection Range	0.156 ng/mL - 10 ng/mL
Sensitivity	0.1 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times 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 forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for NPHS2 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate NPHS2 in Human serum, plasma, urine. An antibody specific for NPHS2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NPHS2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NPHS2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of NPHS2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Human Podocin (NPHS2) concentration in serum, plasma, urine and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	662033920
NCBI GeneID	7827
NCBI Accession #	NP_001284504.1
NCBI GenBank Nucleotide #	NM_001297575.1
UniProt Accession #	Q9NP85; Q8N6Q5; B1AM32; B1AM33

Molecular Weight	34,421 Da
NCBI Official Full Name	podocin isoform 2
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.

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Online datasheet: <https://www.aaabiotech.com/nphs2-human-elisa-kits/podocin/55412>