

Human Nephrin ELISA Kit | NPHS1 elisa kit

Human Nephrin ELISA Kit

CATALOG #
AAA42468

REACTIVITY
Human

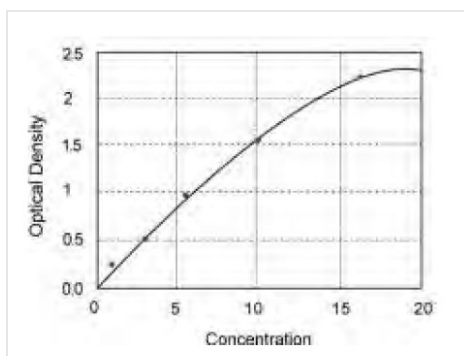
PRODUCT SYNONYMS

Nephrin; Human Nephrin ELISA Kit; NPHS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1241
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.1-40ng/ml
Sensitivity	0.04ng/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 NPHS1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human Nphs1 antibody. Nphs1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human Nphs1 Antibody is added and binds to Nphs1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Nphs1 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 Nphs1. 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 Nephtrin (also known as Nphs1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10441644
NCBI GeneID	4868
UniProt Accession #	O60500; A6NDH2; C3RX61
Molecular Weight	130,546 Da
NCBI Official Full Name	nephtrin
NCBI Official Synonym Full Names	NPHS1, nephtrin
NCBI Official Symbol	NPHS1
NCBI Official Synonym Symbols	CNF; NPHN; nephtrin
NCBI Protein Information	nephtrin
UniProt Protein Name	Nephtrin
UniProt Gene Name	NPHS1
UniProt Synonym Gene Names	NPHN

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/human-elisa-kits/nephtrin/42468>