

Human Nephrin ELISA Kit | NPHS1 elisa kit

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CATALOG #
AAA310051

REACTIVITY
Human

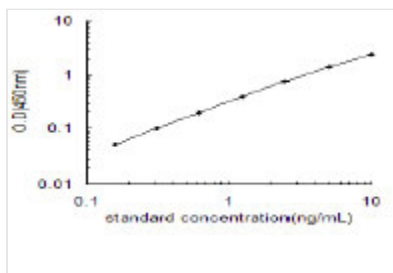
PRODUCT SYNONYMS

Nephrin; Human Nephrin ELISA Kit; Renal glomerulus-specific cell adhesion receptor; NPHS1; NPHN; NPHS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Nephrin. No significant cross-reactivity or interference was observed. Note?Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between human Nephrin and all the analogues, therefore, cross reaction may still exist.
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.15 ng/mL -10.0 ng/mL
Sensitivity	0.078 ng/mL
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NPHS1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Nephrin concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Nephrin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Nephrin and 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 Nephrin, 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 Nephrin in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[4758822](#)

NCBI GeneID	4868
NCBI Accession #	NP_004637.1
NCBI GenBank Nucleotide #	NM_004646.3
UniProt Accession #	O60500; A6NDH2; C3RX61
Molecular Weight	130,546 Da
NCBI Official Full Name	nephrin
NCBI Official Synonym Full Names	NPHS1, nephrin
NCBI Official Symbol	NPHS1
NCBI Official Synonym Symbols	CNF; NPHN; nephrin
NCBI Protein Information	nephrin
UniProt Protein Name	Nephrin
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/nphs1-human-elisa-kits/nephrin/310051>