

Human Nephrin ELISA Kit | NPHS1 elisa kit

Human Nephrin ELISA Kit

CATALOG #
AAA193893

REACTIVITY
Human

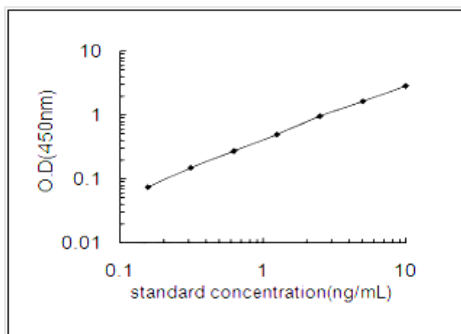
PRODUCT SYNONYMS

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.
Sequence Length	1241
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.078 ng/mL
Intra-Assay CV	<=6.8%
Inter-Assay CV	<=9.2%
Recovery	103%
Preparation and Storage	For long term storage, please store the entire kit at -20 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 Nephtrin 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 Nephtrin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Nephtrin 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 Nephtrin, 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 +/- 2 nm. The concentration of Nephtrin in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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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	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
UniProt Entry Name	NPHN_HUMAN

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://stage.aaabiotech.com/nphs1-human-elisa-kits/nephtrin/193893>