

Human Nephrin ELISA Kit | Anti-NPHN elisa kit

Human Nephrin (Anti-NPHN) (Competitive ELISA) Anti-antigen ELISA Kit

CATALOG #
AAA190017

REACTIVITY
Human

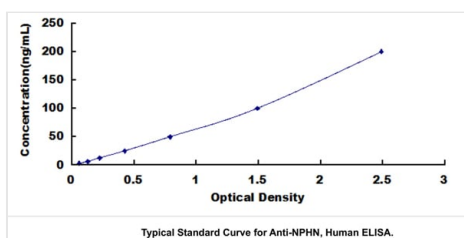
PRODUCT SYNONYMS

Nephrin; Human Nephrin (Anti-NPHN) (Competitive ELISA) Anti-antigen ELISA Kit; NPHS1; CNF; Nephrosis 1; Congenital Finnish Type; Renal glomerulus-specific cell adhesion receptor; ELISA Kit for Anti-Nephtrin Antibody (Anti-NPHN); Anti-NPHN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Anti-NPHN. No significant cross-reactivity or interference between Anti-NPHN and analogues was observed.
Samples	Human serum, plasma and other biological fluids
Detection Range	3.12-200ng/mL
Sensitivity	< 1.22ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Anti-NPHN were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Anti-NPHN were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Anti-NPHN elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with NPHN. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Anti-NPHN will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of Anti-NPHN in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: The kit is an enzyme immunoassay for in vitro quantitative measurement of Anti-NPHN in human serum, plasma and other biological fluids.

Product Categories/Family for Anti-NPHN elisa kit

Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	10441644
NCBI GeneID	4868
UniProt Accession #	O60500; A6NDH2; C3RX61
Molecular Weight	134,742 Da
NCBI Official Full Name	nephrin
NCBI Official Synonym Full Names	nephrosis 1, congenital, Finnish type (nephrin)
NCBI Official Symbol	NPHS1
NCBI Official Synonym Symbols	CNF; NPHN; nephrin
NCBI Protein Information	nephrin; renal glomerulus-specific cell adhesion receptor
UniProt Protein Name	Nephrin
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.

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Online datasheet: <https://stage.aaabiotech.com/anti-nphn-human-elisa-kits/nephrin/190017>