

Mouse nephrosis 1, congenital, Finnish type (nephrin) ELISA Kit | NPHS1 elisa kit

Mouse Nephrin, NPHS1 ELISA Kit

CATALOG #
AAA113027

REACTIVITY
Mouse

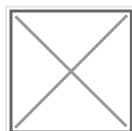
PRODUCT SYNONYMS

nephrosis 1; congenital; Finnish type (nephrin); Mouse Nephrin; NPHS1 ELISA Kit; Mouse Nephrin (NPHS1) ELISA kit; CNF; NPHN; nephrin; renal glomerulus-specific cell adhesion receptor; NPHS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse NPHS1. No significant cross-reactivity or interference between mouse NPHS1 and analogues was observed.
Sequence Length	1,256
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	250 pg/ml -4000 pg/ml.
Sensitivity	The minimum detectable dose of mouse NPHS1 is typically less than 250 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NPHS1 elisa kit

Principle of the assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with NPHS1. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for NPHS1. The competitive inhibition reaction is launched between with pre-coated NPHS1 and NPHS1 in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of NPHS1 in the samples. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	120586997
NCBI GeneID	54631
NCBI Accession #	NP_062332.2
NCBI GenBank Nucleotide #	NM_019459.2
UniProt Accession #	Q9QZS7; Q811S5; Q925S5; Q9ESC6; Q9ET59; Q9JIX1; D2KXA7
Molecular Weight	136,336 Da
NCBI Official Full Name	nephrin
NCBI Official Synonym Full Names	nephrosis 1, nephrin
NCBI Official Symbol	Nphs1
NCBI Official Synonym Symbols	nephrin; NephrinB
NCBI Protein Information	nephrin; nephrin 1; nephrosis 1 homolog, nephrin; renal glomerulus-specific cell adhesion receptor
UniProt Protein Name	Nephrin
UniProt Gene Name	Nphs1
UniProt Synonym Gene Names	Nphn
UniProt Entry Name	NPHN_MOUSE

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-mouse-elisa-kits/nephrosis-1-congenital-finnish-type-nephrin/113027>