

Rat Nephrin ELISA Kit | Nphs1 elisa kit

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CATALOG #
AAA310052

REACTIVITY
Rat

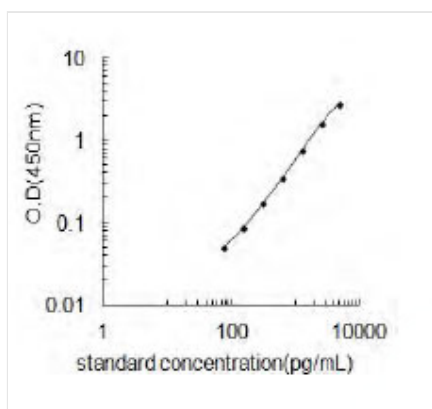
PRODUCT SYNONYMS

Nephrin; Rat Nephrin ELISA Kit; Renal glomerulus-specific cell adhesion receptor; Nphs1; Nphn; Nphs1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma,tissue homogenates and cell culture supernates and other biological fluids
Detection Range	78pg/ml -5000pg/ml
Sensitivity	< 39.8 pg/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 rat 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 biotinconjugated polyclonal antibody preparation specific forNephrin 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 +/- 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 #	12018318
NCBI GeneID	64563
NCBI Accession #	NP_072150.1
NCBI GenBank Nucleotide #	NM_022628.1
UniProt Accession #	Q9R044; Q9JIX2; Q9QXX7
Molecular Weight	126,646 Da
NCBI Official Full Name	nephrin
NCBI Official Synonym Full Names	NPHS1 nephrin
NCBI Official Symbol	Nphs1
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-rat-elisa-kits/nephrin/310052>