

## Human Podocin ELISA Kit | NPHS2 elisa kit

Human Podocin ELISA Kit

CATALOG #  
**AAA123633**

REACTIVITY  
**Human**

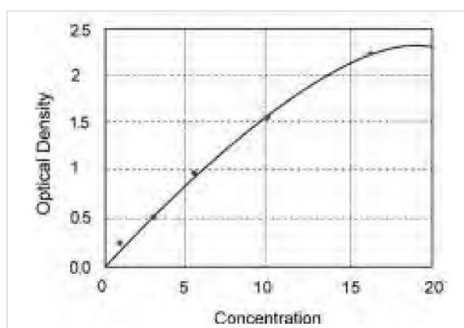
### PRODUCT SYNONYMS

Podocin; Human Podocin ELISA Kit; NPHS2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                            |
| Sequence Length         | 383                                                                                                                                                                                              |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Samples                 | Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids                                                                                                   |
| Detection Range         | 0.1-40ng/mL                                                                                                                                                                                      |
| Sensitivity             | 0.056ng/mL                                                                                                                                                                                       |
| Intra-assay Precision   | Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%                              |
| Inter-assay Precision   | Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10% |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                                                                                                                                           |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for NPHS2 elisa kit

**Principle of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human NPHS2 antibody. NPHS2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human NPHS2 Antibody is added and binds to NPHS2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NPHS2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human NPHS2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Human Podocin (also known as NPHS2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

|                                  |                                       |
|----------------------------------|---------------------------------------|
| NCBI GI #                        | 7657615                               |
| NCBI GeneID                      | 7827                                  |
| NCBI GenBank Nucleotide #        | NP_055440.1                           |
| UniProt Accession #              | Q9NP85                                |
| NCBI Official Full Name          | podocin isoform 1                     |
| NCBI Official Synonym Full Names | NPHS2 stomatin family member, podocin |
| NCBI Official Symbol             | NPHS2                                 |
| NCBI Official Synonym Symbols    | PDCN; SRN1                            |
| NCBI Protein Information         | podocin                               |
| UniProt Protein Name             | Podocin                               |
| UniProt Gene Name                | NPHS2                                 |
| UniProt Entry Name               | PODO_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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/podocin/123633>