

Human Podocan (PODN) ELISA Kit | PODN elisa kit

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CATALOG #
AAA68655

REACTIVITY
Human

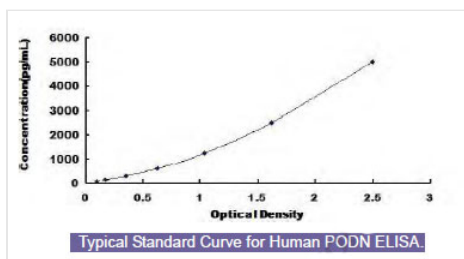
PRODUCT SYNONYMS

Podocan (PODN); Human Podocan (PODN) ELISA Kit; PCAN; SLRR5A; PODN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PODN. No significant cross-reactivity or interference between PODN and analogues was observed.
Sequence Length	642
Samples	Tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	<26.5pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PODN 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 PODN were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PODN elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of PODN in human tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PODN. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PODN. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PODN, biotin-conjugated antibody and enzyme-conjugated Avidin 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 +/- 10nm. The concentration of PODN 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 #	312283621
NCBI GeneID	127435
NCBI Accession #	NP_001186009.1
NCBI GenBank Nucleotide #	NM_001199080.2
UniProt Accession #	Q7Z5L7; Q5VVZ2; Q5VVZ3; Q6PIR3; Q6UXL8; Q8N641; B4DKN5; B4E373
Molecular Weight	57,896 Da
NCBI Official Full Name	podocan isoform 2
NCBI Official Synonym Full Names	podocan
NCBI Official Symbol	PODN
NCBI Official Synonym Symbols	PCAN; SLRR5A
NCBI Protein Information	podocan
UniProt Protein Name	Podocan
UniProt Gene Name	PODN
UniProt Synonym Gene Names	SLRR5A

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.