

Human Podocalyxin ELISA Kit | PODXL elisa kit

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CATALOG #
AAA101967

REACTIVITY
Human

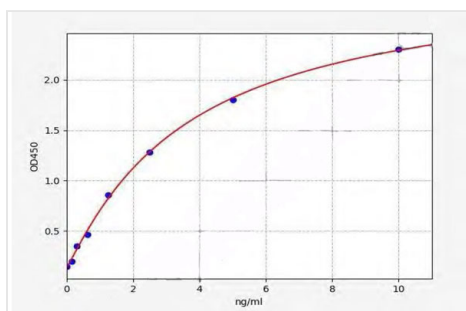
PRODUCT SYNONYMS

Podocalyxin; Human Podocalyxin ELISA Kit; PCX (Podocalyxin)/PODXL/PCLP/PCLP1/Podocalyxin-like protein 1/PC/PCLP-1/GCTM-2 antigen/Gp200; PODXL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize PODXL, no obvious cross reaction with other analogues
Sequence Length	485
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PODXL elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre- coated onto the 96-well plate. The biotin conjugated antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with antigen conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding acidic stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of target antigen in the sample is positively correlated with OD450 and can be calculated by plotting the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20301990
NCBI GeneID	192181
NCBI Accession #	NP_620203.1
NCBI GenBank Nucleotide #	NM_138848.1
Molecular Weight	51,658 Da
NCBI Official Full Name	podocalyxin
NCBI Official Synonym Full Names	podocalyxin-like
NCBI Official Symbol	Podxl
NCBI Official Synonym Symbols	PC; PCLP-1; podocalyxin
NCBI Protein Information	podocalyxin
UniProt Protein Name	Podocalyxin
UniProt Gene Name	Podxl
UniProt Synonym Gene Names	Pclp1; PC; PCLP-1
UniProt Entry Name	PODXL_RAT

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.