

Human Podocalyxin, PCX ELISA Kit | PCX elisa kit

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CATALOG #
AAA112501

REACTIVITY
Human

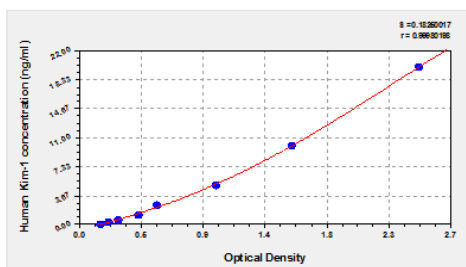
PRODUCT SYNONYMS

Podocalyxin; PCX; Human Podocalyxin; PCX ELISA Kit; PCX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	558
Samples	Serum, urine
Assay Type	Sandwich
Detection Range	3.12 ng/ml-200 ng/ml
Sensitivity	0.78 ng/ml
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 PCX elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for podocalyxin has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any podocalyxin present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for podocalyxin is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of podocalyxin bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #

66277202

NCBI GeneID	5420
NCBI Accession #	NP_001018121.1
NCBI GenBank Nucleotide #	NM_001018111.2
UniProt Accession #	O00592; Q52LZ7; Q53ER6; A6NHX8
Molecular Weight	55,386 Da
NCBI Official Full Name	podocalyxin isoform 1
NCBI Official Synonym Full Names	podocalyxin-like
NCBI Official Symbol	PODXL
NCBI Official Synonym Symbols	PC; PCLP; Gp200; PCLP-1
NCBI Protein Information	podocalyxin; GCTM-2 antigen; podocalyxin-like protein 1
UniProt Protein Name	Podocalyxin
UniProt Gene Name	PODXL
UniProt Synonym Gene Names	PCLP; PCLP1; PC; PCLP-1
UniProt Entry Name	PODXL_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/podocalyxin-pcx/112501>