

Rat podocalyxin-like ELISA Kit | PODXL elisa kit

Rat Podocalyxin, PCX ELISA Kit

 CATALOG #
AAA15665

 REACTIVITY
Rat

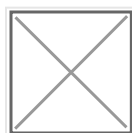
PRODUCT SYNONYMS

podocalyxin-like; Rat Podocalyxin; PCX ELISA Kit; Gp200; MGC138240; PC; PCLP; ; PODXL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat PCX. No significant cross-reactivity or interference between rat PCX and analogues was observed.
Sequence Length	551
Samples	Serum, urine, cell culture supernates
Assay Type	Quantitative Sandwich
Detection Range	1.56 ng/ml-100 ng/ml
Sensitivity	< 0.39 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 PODXL elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PCX has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PCX present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PCX 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 PCX bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #

130495257

NCBI GeneID	100009552
NCBI Accession #	NP_001076235.1
NCBI GenBank Nucleotide #	NM_001082766.1
UniProt Accession #	Q28645
Molecular Weight	57,041 Da
NCBI Official Full Name	podocalyxin
NCBI Official Symbol	PODXL
NCBI Official Synonym Symbols	PC; PCLP1; PCLP-1
NCBI Protein Information	podocalyxin; podocalyxin-like protein 1
UniProt Protein Name	Podocalyxin
UniProt Gene Name	PODXL
UniProt Synonym Gene Names	PCLP1; PC; PCLP-1
UniProt Entry Name	PODXL_RABIT

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/podxl-rat-elisa-kits/podocalyxin-like/15665>