

Rat PCX ELISA Kit | PCX elisa kit

Rat PCX (Podocalyxin) ELISA Kit

CATALOG #
AAA164047

REACTIVITY
Rat

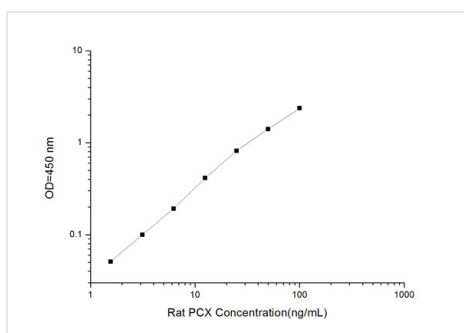
PRODUCT SYNONYMS

PCX; Rat PCX (Podocalyxin) ELISA Kit; PCX 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. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat PCX and all the analogues, therefore, cross reaction may still exist.
Sequence Length	1179
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	1.563-100ng/mL
Sensitivity	Min: 0.938ng/mL; Max: 100ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PCX elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PCX in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat PCX. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat PCX and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat PCX, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat PCX. You can calculate the concentration of Rat PCX in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	251823980
NCBI GeneID	18563
NCBI Accession #	NP_001156418.1
NCBI GenBank Nucleotide #	NM_001162946.1
UniProt Accession #	Q05920
Molecular Weight	129,685 Da
NCBI Official Full Name	pyruvate carboxylase, mitochondrial isoform 1
NCBI Official Synonym Full Names	pyruvate carboxylase
NCBI Official Symbol	Pcx
NCBI Official Synonym Symbols	Pc; Pcb
NCBI Protein Information	pyruvate carboxylase, mitochondrial; pyruvate decarboxylase; pyruvic carboxylase
UniProt Protein Name	Pyruvate carboxylase, mitochondrial
UniProt Gene Name	Pc
UniProt Synonym Gene Names	Pcx; PCB
UniProt Entry Name	PYC_MOUSE

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/rat-elisa-kits/pcx/164047>