

Human Positive Cofactor 4 ELISA Kit | PC4 elisa kit

Human Positive Cofactor 4 ELISA Kit

CATALOG #
AAA84052

REACTIVITY
Human

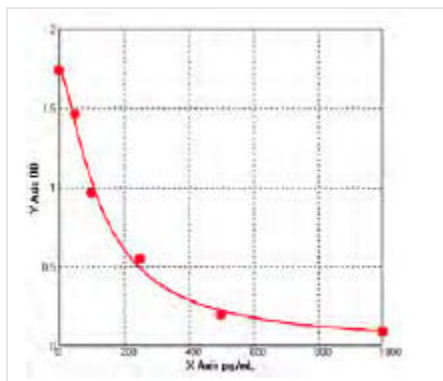
PRODUCT SYNONYMS

Positive Cofactor 4; Human Positive Cofactor 4 ELISA Kit; PC4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PC4. No significant cross-reactivity or interference between PC4 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PC4 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PC4 elisa kit	Intended Uses: This PC4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PC4. This ELISA kit for research use only! Principle of the Assay: PC4 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-PC4 antibody and an PC4-HRP conjugate. The assay sample and buffer are incubated together with PC4-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PC4 concentration since PC4 from samples and PC4-HRP conjugate compete for the anti-PC4 antibody binding site. Since the number of sites is limited, as more sites are occupied by PC4 from the sample, fewer sites are left to bind PC4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PC4 concentration in each sample is interpolated from this standard curve.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	48145921
UniProt Accession #	Q6IBA2
Molecular Weight	14,395 Da
NCBI Official Full Name	PC4
UniProt Protein Name	PC4 protein
UniProt Gene Name	PC4
UniProt Synonym Gene Names	SUB1; hCG_1781938
UniProt Entry Name	Q6IBA2_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.