

Human PEBP4 ELISA Kit | PEBP4 elisa kit

Human PEBP4(Phosphatidylethanolamine Binding Protein 4) ELISA Kit

CATALOG #
AAA165974

REACTIVITY
Human

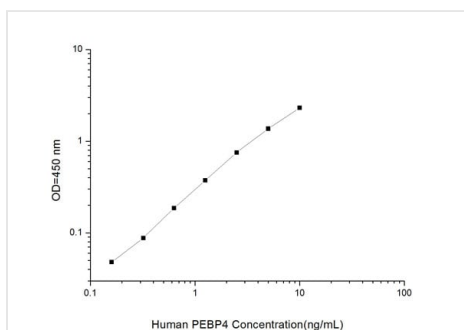
PRODUCT SYNONYMS

PEBP4; Human PEBP4(Phosphatidylethanolamine Binding Protein 4) ELISA Kit; PEBP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human PEBP4 in samples. No significant cross-reactivity or interference between Human PEBP4 and analogues was observed.
Sequence Length	227
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.16-10ng/mL
Sensitivity	0.1ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human PEBP4 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human PEBP4 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PEBP4 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human PEBP4. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human PEBP4 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human PEBP4, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop 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 Human PEBP4. You can calculate the concentration of Human PEBP4 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human PEBP4 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116812622
NCBI GeneID	157310
NCBI Accession #	NP_659399.2
NCBI GenBank Nucleotide #	NM_144962.2
Molecular Weight	25,733 Da
NCBI Official Full Name	phosphatidylethanolamine-binding protein 4
NCBI Official Synonym Full Names	phosphatidylethanolamine-binding protein 4
NCBI Official Symbol	PEBP4
NCBI Official Synonym Symbols	CORK1; CORK-1; PEBP-4; hPEBP4; PRO4408; GWTM1933; HEL-S-300
NCBI Protein Information	phosphatidylethanolamine-binding protein 4; cousin-of-RKIP 1 protein; epididymis secretory protein Li 300; protein cousin-of-RKIP 1
UniProt Protein Name	Phosphatidylethanolamine-binding protein 4
UniProt Gene Name	PEBP4
UniProt Synonym Gene Names	CORK1; PEBP-4; hPEBP4
UniProt Entry Name	PEBP4_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.