

Human Phosphoethanolamine/phosphocholine phosphatase ELISA Kit | PHOSPHO1 elisa kit

Human Phosphoethanolamine/phosphocholine phosphatase (PHOSPHO1) ELISA Kit

CATALOG # AAA55356	REACTIVITY Human
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PRODUCT SYNONYMS

Phosphoethanolamine/phosphocholine phosphatase; Human Phosphoethanolamine/phosphocholine phosphatase (PHOSPHO1) ELISA Kit; PHOSPHO1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PHOSPHO1. No significant cross-reactivity or interference between Human PHOSPHO1 and analogues was observed.
Sequence Length	292
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	12.5 pg/mL - 800 pg/mL
Sensitivity	6.25 pg/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PHOSPHO1 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PHOSPHO1 in Human serum, plasma. An antibody specific for PHOSPHO1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PHOSPHO1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PHOSPHO1 is added to the wells. After washing, Streptavidin 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 PHOSPHO1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Human Phosphoethanolamine/ phosphocholine phosphatase (PHOSPHO1) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	219689097
NCBI GeneID	162466
NCBI Accession #	NP_001137276.1

NCBI GenBank Nucleotide #	NM_001143804.1
UniProt Accession #	Q8TCT1 ; Q17RU6 ; E9PAM0
Molecular Weight	32,351 Da
NCBI Official Full Name	phosphoethanolamine/phosphocholine phosphatase isoform 1
NCBI Official Synonym Full Names	phosphoethanolamine/phosphocholine phosphatase
NCBI Official Symbol	PHOSPHO1
NCBI Protein Information	phosphoethanolamine/phosphocholine phosphatase
UniProt Protein Name	Phosphoethanolamine/phosphocholine phosphatase
UniProt Gene Name	PHOSPHO1

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://www.aaabiotech.com/phospho1-human-elisa-kits/phosphoethanolamine-phosphocholine-phosphatase/55356>