

Human Phosphofurin acidic cluster sorting protein 1 ELISA Kit | PACS1 elisa kit

Human Phosphofurin acidic cluster sorting protein 1 (PACS1) ELISA Kit

CATALOG # AAA55443	REACTIVITY Human
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PRODUCT SYNONYMS

Phosphofurin acidic cluster sorting protein 1; Human Phosphofurin acidic cluster sorting protein 1 (PACS1) ELISA Kit; PACS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PACS1. No significant cross-reactivity or interference between Human PACS1 and analogues was observed.
Sequence Length	963
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	1.56 ng/mL - 100 ng/mL
Sensitivity	1 ng/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 PACS1 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PACS1 in Human serum, plasma, tissue homogenates. An antibody specific for PACS1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PACS1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PACS1 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 PACS1 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 Phosphofurin acidic cluster sorting protein 1 (PACS1) concentration in serum, plasma, tissue homogenates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	30089916
NCBI GeneID	55690
NCBI Accession #	NP_060496.2
NCBI GenBank Nucleotide #	NM_018026.3

UniProt Accession #	Q6VY07; Q6PJY6; Q6PKB6; Q7Z590; Q7Z5W4; Q8N8K6; Q96MW0; Q9NW92; Q9ULP5
Molecular Weight	109,342 Da
NCBI Official Full Name	phosphofurin acidic cluster sorting protein 1
NCBI Official Synonym Full Names	phosphofurin acidic cluster sorting protein 1
NCBI Official Symbol	PACS1
NCBI Official Synonym Symbols	SHMS; MRD17
NCBI Protein Information	phosphofurin acidic cluster sorting protein 1
UniProt Protein Name	Phosphofurin acidic cluster sorting protein 1
UniProt Gene Name	PACS1
UniProt Synonym Gene Names	KIAA1175; PACS-1

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/pacs1-human-elisa-kits/phosphofurin-acidic-cluster-sorting-protein-1/55443>