Human Plasma cell-induced resident endoplasmic reticulum protein, pERp1 ELISA Kit | pERp1 elisa kit

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CATALOG #	REACTIVITY
AAA310144	**Human**

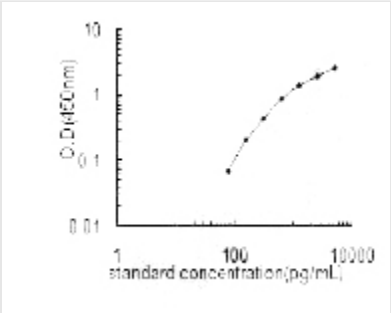
PRODUCT SYNONYMS

Plasma cell-induced resident endoplasmic reticulum protein; pERp1; Human Plasma cell-induced resident endoplasmic reticulum protein; pERp1 ELISA Kit; Homo sapiens; Human; Plasma cell-induced resident ER protein; Proapoptotic caspase adapter protein; PACAP; HSPC190; pERp1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural humanpERp1. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma,tissue homogenates and cell culture supernates and other biological fluids
Detection Range	78pg/ml -5000pg/ml
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for pERp1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of humanp erp1concentrations in serum, plasma,tissue homogenates and cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to pERp1. Standards or samples are then added to the appropriate microtiter plate wells with a biotinconjugated polyclonal antibody preparation specific forpERp1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain pERp1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of pERp1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	117938314
NCBI GeneID	51237
NCBI Accession #	NP_057543.2
NCBI GenBank Nucleotide #	NM_016459.3
UniProt Accession #	Q8WU39; Q7Z6N2; Q96RL5; Q9P0T3; D2IYS0
Molecular Weight	6,681 Da
NCBI Official Full Name	marginal zone B- and B1-cell-specific protein
NCBI Official Synonym Full Names	marginal zone B and B1 cell specific protein
NCBI Official Symbol	MZB1
NCBI Official Synonym Symbols	PACAP; pERp1; MEDA-7
NCBI Protein Information	marginal zone B- and B1-cell-specific protein
UniProt Protein Name	Marginal zone B- and B1-cell-specific protein
UniProt Gene Name	**MZB1**
UniProt Synonym Gene Names	MEDA7; PACAP; MEDA-7; Plasma cell-induced resident ER protein; pERp1

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/human-elisa-kits/plasma-cell-induced-resident-endoplasmic-reticulum-protein-perp1/310144