

Bovine Platelet-activating factor acetylhydrolase IB subunit alpha (PAFAH1B1) ELISA Kit | PAFAH1B1 elisa kit

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CATALOG # AAA245803	REACTIVITY Bovine
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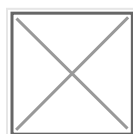
PRODUCT SYNONYMS

Platelet-activating factor acetylhydrolase IB subunit alpha (PAFAH1B1); Bovine Platelet-activating factor acetylhydrolase IB subunit alpha (PAFAH1B1) ELISA Kit; PAFAH1B1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
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 PAFAH1B1 elisa kit	Intended Uses: This PACAP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse PACAP. This ELISA kit for research use only! Principle of the Assay: PACAP ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PACAP antibody and an PACAP-HRP conjugate. The assay sample and buffer are incubated together with PACAP-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 PACAP concentration since PACAP from samples and PACAP-HRP conjugate compete for the anti-PACAP antibody binding site. Since the number of sites is limited, as more sites are occupied by PACAP from the sample, fewer sites are left to bind PACAP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PACAP concentration in each sample is interpolated from this standard curve.
Product Categories/Family for PAFAH1B1 elisa kit	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557741
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NCBI GeneID	5048
NCBI Accession #	NP_000421.1
NCBI GenBank Nucleotide #	NM_000430.3
Molecular Weight	16,869 Da
NCBI Official Full Name	platelet-activating factor acetylhydrolase IB subunit alpha
NCBI Official Synonym Full Names	platelet-activating factor acetylhydrolase 1b, regulatory subunit 1 (45kDa)
NCBI Official Symbol	PAFAH1B1
NCBI Official Synonym Symbols	MDS; LIS1; LIS2; MDCR; PAFAH
NCBI Protein Information	platelet-activating factor acetylhydrolase IB subunit alpha; LIS-1; PAFAH alpha; PAF-AH alpha; PAF-AH 45 kDa subunit; lissencephaly 1 protein; lissencephaly-1 protein; PAF acetylhydrolase 45 kDa subunit; platelet-activating factor acetylhydrolase, isoform Ib, subunit 1 (45kDa); platelet-activating factor acetylhydrolase, isoform Ib, alpha subunit (45kD)
UniProt Protein Name	Platelet-activating factor acetylhydrolase IB subunit alpha
UniProt Gene Name	PAFAH1B1
UniProt Synonym Gene Names	LIS1; MDCR; MDS; PAFAHA; LIS-1; PAF-AH 45 kDa subunit; PAFAH alpha
UniProt Entry Name	LIS1_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.

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Online datasheet: <https://stage.aaabiotech.com/bovine-ovine-elisa-kits/platelet-activating-factor-acetylhydrolase-ib-subunit-alpha-pafah1b1/245803>