

Human SPAM1/Hyaluronidase PH-20 ELISA Kit | SPAM1 elisa kit

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CATALOG #
AAA196976

REACTIVITY
Human

PRODUCT SYNONYMS

SPAM1/Hyaluronidase PH-20; Human SPAM1/Hyaluronidase PH-20 ELISA Kit; Hyal-PH20; Hyaluronoglucosaminidase PH-20; Sperm adhesion molecule 1; Sperm surface protein PH-20; HYAL3; PH20; Hyaluronidase PH-20; SPAM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human Hyaluronidase PH-20
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

ADDITIONAL INFORMATION

Related Product Information for SPAM1 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 $\pm$ 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	585673
NCBI GeneID	6677
UniProt Accession #	P38567; Q8TC30
Molecular Weight	Calculated: 57kDa/58kDa Observed: 47kDa
NCBI Official Full Name	Hyaluronidase PH-20
NCBI Official Synonym Full Names	sperm adhesion molecule 1 (PH-20 hyaluronidase, zona pellucida binding)
NCBI Official Symbol	SPAM1
NCBI Official Synonym Symbols	HYA1; PH20; HYAL1; HYAL3; HYAL5; PH-20; SPAG15; HEL-S-96n
NCBI Protein Information	hyaluronidase PH-20; hyal-PH20; sperm surface protein PH-20; hyaluronoglucosaminidase PH-20; epididymis secretory sperm binding protein Li 96n
UniProt Protein Name	Hyaluronidase PH-20

UniProt Gene Name	SPAM1
UniProt Synonym Gene Names	HYAL3; PH20; Hyal-PH20
UniProt Entry Name	HYALP_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://www.aaabiotech.com/human-elisa-kits/spam1-hyaluronidase-ph-20/196976>