

Human Hyaluronidase PH-20 (SPAM1) ELISA Kit | SPAM1 elisa kit

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CATALOG # AAA190366	REACTIVITY Human
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PRODUCT SYNONYMS

Hyaluronidase PH-20 (SPAM1); Human Hyaluronidase PH-20 (SPAM1) ELISA Kit; HYA1; HYAL1; HYAL3; HYAL5; MGC26532; PH-20; PH20; SPAG15; OTTHUMP00000211901|hyaluronoglucosaminidase|sperm adhesion molecule 1|sperm surface protein PH-20; SPAM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human SPAM1. No significant cross-reactivity or interference between Human SPAM1 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156 ng/mL - 10 ng/mL
Sensitivity	0.1 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. Please refer to Instruction Manual.

ADDITIONAL INFORMATION

Related Product Information for SPAM1 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate SPAM1 in Human serum, plasma, tissue homogenates. An antibody specific for SPAM1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SPAM1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SPAM1 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 SPAM1 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 Hyaluronidase PH-20 (SPAM1) concentration in serum, plasma, tissue homogenates and other biological fluids.
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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/hyaluronidase-ph-20-spam1/190366>