Human hyaluronoglucosaminidase 1 ELISA Kit | HYAL1 elisa kit

Human Hyaluronidase-1, HYAL1 ELISA Kit

CATALOG #	REACTIVITY
AAA15428	**Human**

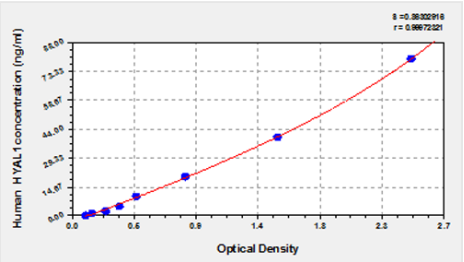
PRODUCT SYNONYMS

hyaluronoglucosaminidase 1; Human Hyaluronidase-1; HYAL1 ELISA Kit; Human Hyaluronidase-1 (HYAL1) ELISA kit; HYAL-1; LUCA1; MGC45987; NAT6; OTTHUMP00000211076; hyaluronidase 1; plasma hyaluronidase; tumor suppressor LUCA-1; HYAL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human HYAL1. No significant cross-reactivity or interference between human HYAL1 and analogues was observed.
Sequence Length	435
Samples	Serum, plasma, cell culture supernates, tissue homogenates.
Assay Type	Sandwich
Detection Range	1.25 ng/ml -80 ng/ml.
Sensitivity	0.31 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HYAL1 elisa kit	Principle of the Assay||This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for HYAL1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HYAL1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HYAL1 is added to the wells. After washing, avidin 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 HYAL1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	24497562
NCBI GeneID	3373
NCBI Accession #	NP_149349.2
NCBI GenBank Nucleotide #	NM_033159.3
UniProt Accession #	Q12794; Q6FH23; Q6PIZ6; Q7KYU2; Q7LE34; Q8NFK5; Q8NFK6; Q8NFK7; Q8NFK8; Q8NFK9; Q93013; Q9UKD5
Molecular Weight	48,368 Da
NCBI Official Full Name	hyaluronidase-1 isoform 1
NCBI Official Synonym Full Names	hyaluronoglucosaminidase 1
NCBI Official Symbol	HYAL1
NCBI Official Synonym Symbols	NAT6; LUCA1; HYAL-1
NCBI Protein Information	hyaluronidase-1; luCa-1; plasma hyaluronidase; tumor suppressor LUCA-1; lung carcinoma protein 1
UniProt Protein Name	Hyaluronidase-1
UniProt Gene Name	**HYAL1**
UniProt Synonym Gene Names	LUCA1; Hyal-1; LuCa-1
UniProt Entry Name	HYAL1_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/hyal1-human-elisa-kits/hyaluronoglucosaminidase-1/15428