Mouse Hyaluronoglucosaminidase 1 (HYAL1) ELISA Kit | HYAL1 elisa kit

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CATALOG #	REACTIVITY
AAA68582	**Mouse**

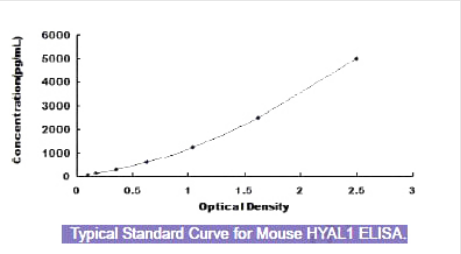
PRODUCT SYNONYMS

Hyaluronoglucosaminidase 1 (HYAL1); Mouse Hyaluronoglucosaminidase 1 (HYAL1) ELISA Kit; LUCA1; NAT6; Hyaluronidase-1; Lung carcinoma protein 1; HYAL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of HYAL1. No significant cross-reactivity or interference between HYAL1 and analogues was observed.
Sequence Length	458
Samples	Tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	<33.5pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HYAL1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level HYAL1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HYAL1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of HYAL1 in mouse tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HYAL1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HYAL1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain HYAL1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of HYAL1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1063759612
NCBI GeneID	15586
NCBI Accession #	NP_001318090.1
NCBI GenBank Nucleotide #	NM_001331161.1
UniProt Accession #	Q91ZJ9; O70229; Q8CE62; Q8QZX3; Q8VBW7; Q8VDK0; B1AV90
Molecular Weight	51,436 Da
NCBI Official Full Name	hyaluronidase-1 isoform 2
NCBI Official Synonym Full Names	hyaluronoglucosaminidase 1
NCBI Official Symbol	Hyal1
NCBI Official Synonym Symbols	Hya1; Hyal-1
NCBI Protein Information	hyaluronidase-1
UniProt Protein Name	Hyaluronidase-1
UniProt Gene Name	**Hyal1**
UniProt Synonym Gene Names	Hyal-1

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/mouse-elisa-kits/hyaluronoglucosaminidase-1-hyal1/68582