

Human Hyaluronidase-3 ELISA Kit | HYAL3 elisa kit

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CATALOG #
AAA100176

REACTIVITY
Human

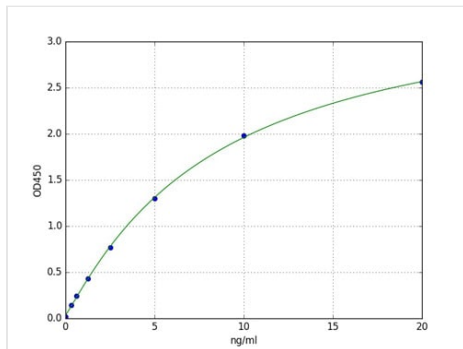
PRODUCT SYNONYMS

Hyaluronidase-3; Human Hyaluronidase-3 ELISA Kit; HYAL3/Hyaluronidase-3/Hyal-3/Hyaluronoglucosaminidase-3/Lung carcinoma protein 3/LuCa-3; HYAL3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	387
Assay Type	Sandwich ELISA, Double Antibody
Samples	cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Human Hyaluronidase-3 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.045	0.082	0.126	0.192	0.398	0.710	1.282	2.238

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HYAL3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human Hyaluronidase-3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human Hyaluronidase-3 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human Hyaluronidase-3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human Hyaluronidase-3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	318037451
NCBI GeneID	8372
NCBI Accession #	NP_001186959.1
NCBI GenBank Nucleotide #	NM_001200030.1
Molecular Weight	15,865 Da
NCBI Official Full Name	hyaluronidase-3 isoform 2
NCBI Official Synonym Full Names	hyaluronoglucosaminidase 3
NCBI Official Symbol	HYAL3
NCBI Official Synonym Symbols	LUCA3; HYAL-3; LUCA-3
NCBI Protein Information	hyaluronidase-3
UniProt Protein Name	Hyaluronidase-3
UniProt Gene Name	HYAL3
UniProt Synonym Gene Names	LUCA3; Hyal-3; LuCa-3
UniProt Entry Name	HYAL3_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/hyal3-human-elisa-kits/hyaluronidase-3/100176>