

Human Hyaluronidase (HAase) ELISA Kit | HAase elisa kit

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CATALOG #
AAA67424

REACTIVITY
Human

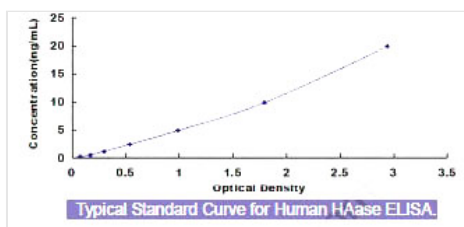
PRODUCT SYNONYMS

Hyaluronidase (HAase); Human Hyaluronidase (HAase) ELISA Kit; Hyaluronic Lase; Hyaluronidase; HAase elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HAase. No significant cross-reactivity or interference between HAase and analogues was observed.
Sequence Length	463
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	3.125-200ng/mL
Sensitivity	1.28ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HAase 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 HAase were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HAase elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of HAase in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HAase. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HAase. 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 HAase, 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 HAase in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2935328
NCBI GeneID	8372
Molecular Weight	15,865 Da
NCBI Official Full Name	hyaluronidase
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

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.