

Chicken Hyaluronidase ELISA Kit | HAase elisa kit

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CATALOG #
AAA91884

REACTIVITY
Chicken

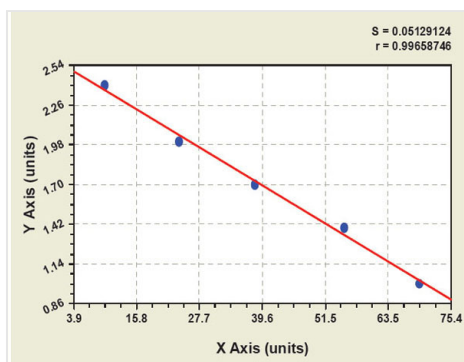
PRODUCT SYNONYMS

Hyaluronidase; Chicken Hyaluronidase ELISA Kit; HAase elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This HAase ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken HAase. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample C)

ADDITIONAL INFORMATION

Related Product Information for HAase elisa kit

Principle of the assay: HAase ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HAase antibody and an HAase-HRP conjugate. The assay sample and buffer are incubated together with HAase-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the HAase concentration since HAase from samples and HAase-HRP conjugate compete for the anti-HAase antibody binding site. Since the number of sites is limited, as more sites are occupied by HAase from the sample, fewer sites are left to bind HAase-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HAase concentration in each sample is interpolated from this standard curve.

Product Categories/Family for HAase elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	2935328
NCBI GeneID	8372
UniProt Accession #	O43820; O60540; Q8NFK2; Q8NFK3; Q8NFK4; Q96E56; Q9BRW9
Molecular Weight	46,501 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; lung carcinoma protein 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://stage.aaabiotech.com/haase-chicken-elisa-kits/hyaluronidase/91884>