

Canine Hyaluronidase ELISA Kit | HAase elisa kit

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CATALOG #
AAA88824

REACTIVITY
Canine

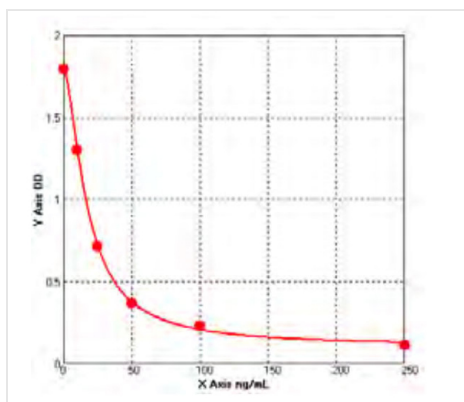
PRODUCT SYNONYMS

Hyaluronidase; Canine Hyaluronidase ELISA Kit; HAase elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between HAase and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HAase elisa kit	Principle of the Assay: HAase ELISA kit applies the competitive enzyme immunoassay technique utilizing an 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. Intended Uses: This HAase ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine HAase. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for HAase elisa kit	Signal Transduction

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; 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-canine-elisa-kits/hyaluronidase/88824>