

Canine Inhibin ELISA Kit | INH elisa kit

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CATALOG #
AAA96809

REACTIVITY
Canine

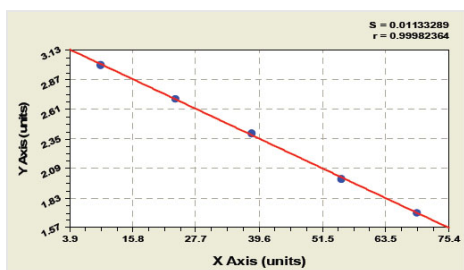
PRODUCT SYNONYMS

Inhibin; Canine Inhibin ELISA Kit; INH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This INH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine INH. 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)

ADDITIONAL INFORMATION

Related Product Information for INH elisa kit

Principle of the assay: INH ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-INH antibody and an INH-HRP conjugate. The assay sample and buffer are incubated together with INH-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 INH concentration since INH from samples and INH-HRP conjugate compete for the anti-INH antibody binding site. Since the number of sites is limited, as more sites are occupied by INH from the sample, fewer sites are left to bind INH-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The INH concentration in each sample is interpolated from this standard curve.

Product Categories/Family for INH elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504697
NCBI GeneID	3623
NCBI Accession #	NP_002182.1
NCBI GenBank Nucleotide #	NM_002191.3
Molecular Weight	39,670 Da
NCBI Official Full Name	inhibin alpha chain preproprotein
NCBI Official Synonym Full Names	inhibin, alpha
NCBI Official Symbol	INHA
NCBI Protein Information	inhibin alpha chain; A-inhibin subunit
UniProt Protein Name	Inhibin alpha chain
UniProt Gene Name	INHA
UniProt Entry Name	INHA_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/inh-canine-elisa-kits/inhibin/96809>