

Canine Elastin ELISA Kit | ELN elisa kit

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CATALOG #
AAA92065

REACTIVITY
Canine

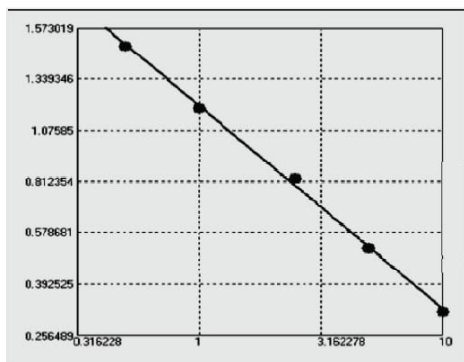
PRODUCT SYNONYMS

Elastin; Canine Elastin ELISA Kit; ELN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This ELN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine ELN. 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 ELN elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	182021
NCBI GeneID	2006
Molecular Weight	60,980 Da
NCBI Official Full Name	elastin
NCBI Official Synonym Full Names	elastin
NCBI Official Symbol	ELN
NCBI Official Synonym Symbols	WS; WBS; SVAS
NCBI Protein Information	elastin; tropoelastin
UniProt Protein Name	Elastin
UniProt Gene Name	ELN
UniProt Entry Name	ELN_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/elc-canine-elisa-kits/elastin/92065>