

Canine Elastin Microfibril Interface Located Protein 1 ELISA Kit | Emilin1 elisa kit

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CATALOG #
AAA90502

REACTIVITY
Canine

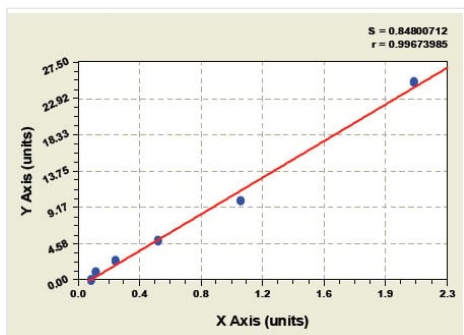
PRODUCT SYNONYMS

Elastin Microfibril Interface Located Protein 1; Canine Elastin Microfibril Interface Located Protein 1 ELISA Kit; Emilin1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This Emilin1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine Emilin1. 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 Emilin1 elisa kit

Principle of the Assay: Emilin1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for Emilin1. Standards or samples are then added to the microtiter plate wells and Emilin1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of Emilin1 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for Emilin1 are added to each well to "sandwich" the Emilin1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain Emilin1 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Emilin1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5901944
NCBI GeneID	11117
NCBI Accession #	NP_008977.1
NCBI GenBank Nucleotide #	NM_007046.3
Molecular Weight	35,928 Da
NCBI Official Full Name	EMILIN-1
NCBI Official Synonym Full Names	elastin microfibril interfacer 1
NCBI Official Symbol	EMILIN1
NCBI Official Synonym Symbols	EMI; gp115; EMILIN
NCBI Protein Information	EMILIN-1; elastin microfibril interface located protein; elastin microfibril interface-located protein 1
UniProt Protein Name	EMILIN-1
UniProt Gene Name	EMILIN1
UniProt Synonym Gene Names	EMI; Elastin microfibril interfacer 1
UniProt Entry Name	EMIL1_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/emilin1-canine-elisa-kits/elastin-microfibril-interface-located-protein-1/90502>