

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

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CATALOG #
AAA92476

REACTIVITY
Sheep

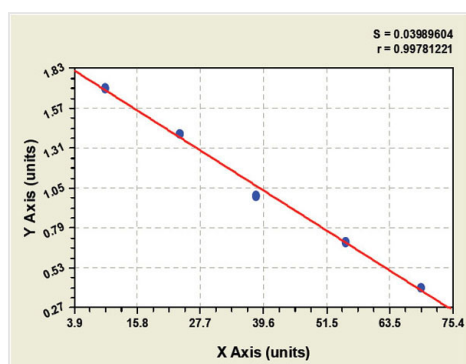
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This Emilin1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep 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 competitive enzyme immunoassay technique utilizing a monoclonal anti-Emilin1 antibody and an Emilin1-HRP conjugate. The assay sample and buffer are incubated together with Emilin1-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 Emilin1 concentration since Emilin1 from samples and Emilin1-HRP conjugate compete for the anti-Emilin1 antibody binding site. Since the number of sites is limited, as more sites are occupied by Emilin1 from the sample, fewer sites are left to bind Emilin1-HRP conjugate. 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.

Product Categories/Family for Emilin1 elisa kit

Cardiovascular

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-sheep-elisa-kits/elastin-microfibril-interface-located-protein-1/92476>