

Human EMILIN 1 ELISA Kit | EMILIN 1 elisa kit

Human EMILIN 1 (Elastin Microfibril Interface Located Protein 1) ELISA Kit

CATALOG #
AAA164743

REACTIVITY
Human

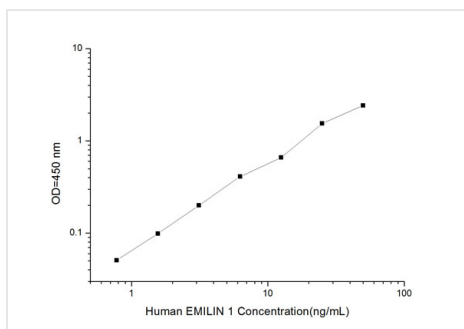
PRODUCT SYNONYMS

EMILIN 1; Human EMILIN 1 (Elastin Microfibril Interface Located Protein 1) ELISA Kit; EMILIN 1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human EMILIN 1. No significant cross-reactivity or interference between Human EMILIN 1 and analogues was observed.
Sequence Length	1017
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	Min: 0.469ng/mL; Max: 50ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EMILIN 1 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanEMILIN 1concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to EMILIN 1. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for EMILIN 1and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain EMILIN 1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of EMILIN 1. You can calculate the concentration of EMILIN 1in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19527130
NCBI GeneID	100952
NCBI Accession #	NP_598679.1
NCBI GenBank Nucleotide #	NM_133918.2
UniProt Accession #	Q99K41
Molecular Weight	107,585 Da
NCBI Official Full Name	EMILIN-1
NCBI Official Synonym Full Names	elastin microfibril interfacer 1
NCBI Official Symbol	Emilin1
NCBI Official Synonym Symbols	gp115; AW229038; BB105748; EMILIN-1; 5830419M17Rik
NCBI Protein Information	EMILIN-1; elastin microfibril interface located protein 1; elastin microfibril interface-located protein 1
UniProt Protein Name	EMILIN-1
UniProt Gene Name	Emilin1
UniProt Synonym Gene Names	Elastin microfibril interfacer 1
UniProt Entry Name	EMIL1_MOUSE

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.