

Human Elastin Microfibril Interface Located Protein 2 (EMILIN2) ELISA Kit | EMILIN2 elisa kit

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CATALOG # AAA65766	REACTIVITY Human
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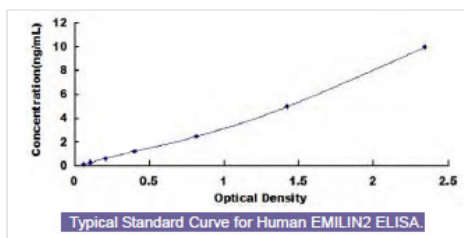
PRODUCT SYNONYMS

Elastin Microfibril Interface Located Protein 2 (EMILIN2); Human Elastin Microfibril Interface Located Protein 2 (EMILIN2) ELISA Kit; FOAP-10; Elastin Microfibril Interfacer 2; EMILIN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of EMILIN2. No significant cross-reactivity or interference between EMILIN2 and analogues was observed.
Sequence Length	1053
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.058ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level EMILIN2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level EMILIN2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EMILIN2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of EMILIN2 in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to EMILIN2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to EMILIN2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain EMILIN2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of EMILIN2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	60498978
NCBI GeneID	84034
NCBI Accession #	NP_114437.2
NCBI GenBank Nucleotide #	NM_032048.2
UniProt Accession #	Q9BXX0; Q8NBH3; Q96JQ4; B2RMY3
Molecular Weight	115,687 Da
NCBI Official Full Name	EMILIN-2
NCBI Official Synonym Full Names	elastin microfibril interfacer 2
NCBI Official Symbol	EMILIN2
NCBI Official Synonym Symbols	FOAP-10; EMILIN-2
NCBI Protein Information	EMILIN-2
UniProt Protein Name	EMILIN-2
UniProt Gene Name	EMILIN2
UniProt Synonym Gene Names	Elastin microfibril interfacer 2

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.