

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

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

CATALOG # AAA187459	REACTIVITY Human
-------------------------------	----------------------------

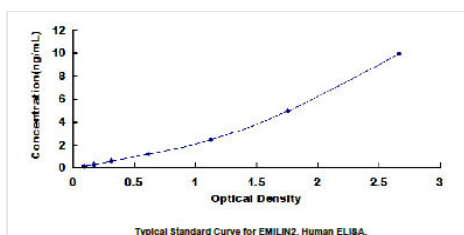
PRODUCT SYNONYMS

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 ELOVL5. No significant cross-reactivity or interference between ELOVL5 and analogues was observed.
Sequence Length	1,053
Samples	Human Tissue Homogenates, Cell Lysates And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ELOVL5 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 ELOVL5 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

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 ELOVL5 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to ELOVL5. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to ELOVL5. 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 ELOVL5, 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 ELOVL5 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	--

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/elastin-microfibril-interface-located-protein-2-emilin2/187459>