

ELISA Kit for Elastin Microfibril Interface Located Protein 1 (EMILIN1)

Catalog No: tcue1307

Available Sizes

Size: 96T



Specifications

Research Area: Metabolic pathway;Cardiovascular biology;

Species Reactivity:

Homo sapiens (Human)

Sample Type: serum, plasma, tissue homogenates and other biological fluids

Sensitivity:

The minimum detectable dose of this kit is typically less than 0.56ng/mL

Detection Range:

1.56-100ng/mL

Assay Time: 3h

Detection Method:

Enzyme-linked immunosorbent assay for Antigen Detection.

Tested Application:

ELISA

SwissProt:

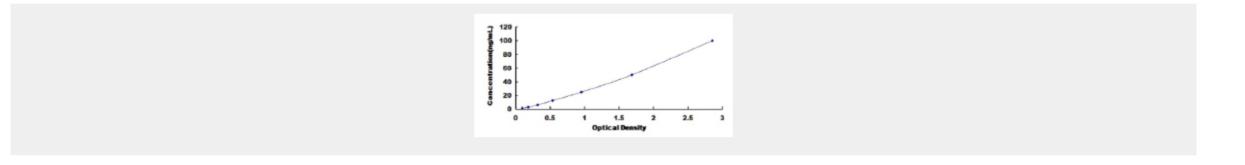
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Test Principle

The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Elastin Microfibril Interface Located Protein 1 (EMILIN1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Elastin Microfibril Interface Located Protein 1 (EMILIN1). 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 Elastin Microfibril Interface Located Protein 1 (EMILIN1), 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 Elastin Microfibril Interface Located Protein 1 (EMILIN1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.



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