

Rat Elastin ELISA Kit | Eln elisa kit

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CATALOG #
AAA195428

REACTIVITY
Rat

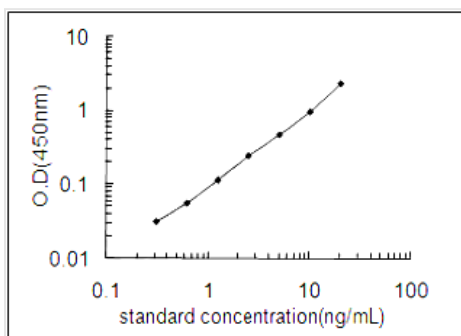
PRODUCT SYNONYMS

Elastin; Rat Elastin ELISA Kit; Tropoelastin; Eln; Eln elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Elastin. No significant cross-reactivity or interference was observed.
Sequence Length	875
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.16 ng/mL
Intra-Assay CV	<=4.7%
Inter-Assay CV	<=8.9%
Recovery	98%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Eln elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat Elastin concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Elastin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Elastin and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Elastin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Elastin 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 #	55742709
NCBI GeneID	25043
NCBI Accession #	NP_036854.1
NCBI GenBank Nucleotide #	NM_012722.1
UniProt Accession #	Q99372; Q5RKH4
Molecular Weight	67,604 Da
NCBI Official Full Name	elastin
NCBI Official Synonym Full Names	elastin
NCBI Official Symbol	Eln
NCBI Official Synonym Symbols	Trela; TREL11; Trela26; RATTREL11
NCBI Protein Information	elastin
UniProt Protein Name	Elastin
UniProt Gene Name	Eln
UniProt Entry Name	ELN_RAT

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.