

Human Elastin ELISA Kit | ELN elisa kit

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CATALOG #
AAA192333

REACTIVITY
Human

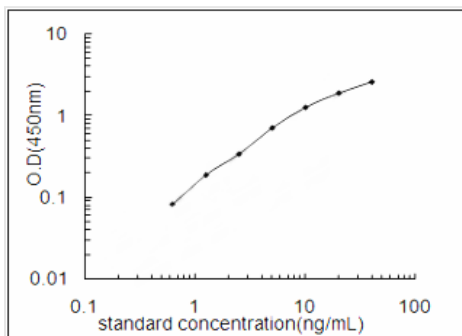
PRODUCT SYNONYMS

Elastin; Human Elastin ELISA Kit; Tropoelastin; ELN; ELN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Elastin. No significant cross-reactivity or interference was observed.
Sequence Length	724
Assay Type	Sandwich
Detection Range	0.625-40 ng/mL
Sensitivity	0.19ng/mL
Intra-Assay CV	<=6.3%
Inter-Assay CV	<=8.2%
Recovery	101%
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 human 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 #	126352440
NCBI GeneID	2006
NCBI Accession #	NP_000492.2
NCBI GenBank Nucleotide #	NM_000501.3
UniProt Accession #	P15502; O15336; O15337; Q14233; Q14234; Q14235; Q14238; Q6P0L4; Q6ZWJ6; Q75MU5; Q7Z316; B3KTS6
Molecular Weight	60,980 Da
NCBI Official Full Name	elastin isoform a
NCBI Official Synonym Full Names	elastin
NCBI Official Symbol	ELN
NCBI Official Synonym Symbols	WS; WBS; SVAS
NCBI Protein Information	elastin
UniProt Protein Name	Elastin
UniProt Gene Name	ELN
UniProt Entry Name	ELN_HUMAN

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.