

## Human Elastin ELISA Kit | ELN elisa kit

Human Elastin ELISA Kit

CATALOG #  
**AAA310111**

REACTIVITY  
**Human**

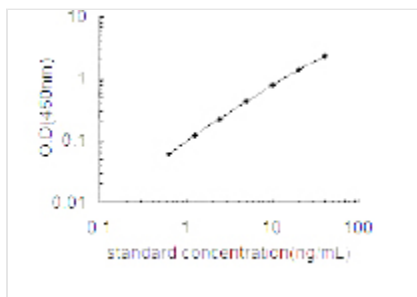
### PRODUCT SYNONYMS

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. |
| Samples                 | Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids                                  |
| Detection Range         | 0.62 ng/mL -40.0 ng/mL.                                                                                                    |
| Preparation and Storage | Store at 4 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.

### NCBI AND UNIPROT INFORMATION

|             |           |
|-------------|-----------|
| NCBI GI #   | 126352440 |
| NCBI GeneID | 2006      |

|                                  |                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Accession #                 | <a href="#">NP_000492.2</a>                                                                                                                                                                                                                                                                               |
| NCBI GenBank Nucleotide #        | <a href="#">NM_000501.3</a>                                                                                                                                                                                                                                                                               |
| UniProt Accession #              | <a href="#">P15502</a> ; <a href="#">O15336</a> ; <a href="#">O15337</a> ; <a href="#">Q14233</a> ; <a href="#">Q14234</a> ; <a href="#">Q14235</a> ; <a href="#">Q14238</a> ; <a href="#">Q6P0L4</a> ; <a href="#">Q6ZWJ6</a> ; <a href="#">Q75MU5</a> ; <a href="#">Q7Z316</a> ; <a href="#">B3KTS6</a> |
| 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; ADCL1                                                                                                                                                                                                                                                                                      |
| NCBI Protein Information         | elastin                                                                                                                                                                                                                                                                                                   |
| UniProt Protein Name             | Elastin                                                                                                                                                                                                                                                                                                   |
| UniProt Gene Name                | <b>ELN</b>                                                                                                                                                                                                                                                                                                |

**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.

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Online datasheet: <https://stage.aaabiotech.com/elN-human-elisa-kits/elastin/310111>