

## Human Elastin, ELN ELISA Kit | ELN elisa kit

Human Elastin, ELN ELISA Kit

CATALOG #  
**AAA41265**

REACTIVITY  
**Human**

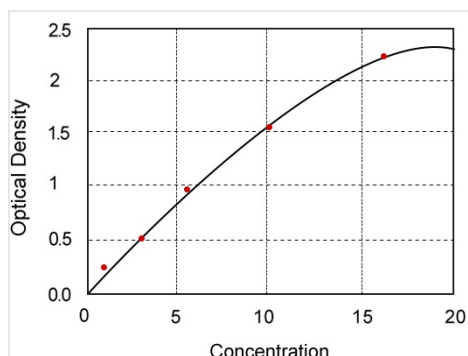
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Human                                                                    |
| Sequence Length         | 757                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 0.5ug/ml - 150ug/ml                                                      |
| Sensitivity             | 0.251ug/ml                                                               |
| Intra-Assay             | CV<8%                                                                    |
| Inter-Assay             | CV<10%                                                                   |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for ELN elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of human Elastin (also known as ELN) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principles of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human ELN antibody. ELN present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human ELN Antibody is added and binds to ELN in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ELN antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human ELN. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 182021                                                                                         |
| NCBI GeneID                      | 2006                                                                                           |
| UniProt Accession #              | P15502; O15336; O15337; Q14233; Q14234; Q14235; Q14238; Q6P0L4; Q6ZWJ6; Q75MU5; Q7Z316; B3KTS6 |
| Molecular Weight                 | 63,230 Da                                                                                      |
| NCBI Official Full Name          | elastin                                                                                        |
| 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                | ELN                                                                                            |

**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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/elastin-eln/41265>