

Human elastin ELISA Kit | ELN elisa kit

Human Elastin, ELN ELISA Kit

CATALOG #
AAA15580

REACTIVITY
Human

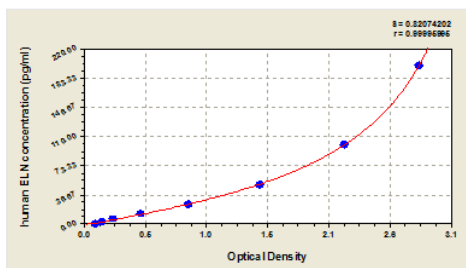
PRODUCT SYNONYMS

elastin; Human Elastin; ELN ELISA Kit; FLJ38671; FLJ43523; SVAS; WBS; WS; OTTHUMP00000211864; tropoelastin; ELN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ELN. No significant cross-reactivity or interference between human ELN and analogues was observed.
Sequence Length	724
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, urine, tissue homogenates, cell lysates
Detection Range	3.12 pg/ml-200 pg/ml
Sensitivity	< 0.78 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ELN elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ELN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ELN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ELN is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ELN bound in the initial step. The color development is stopped and the intensity of the color is measured.

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	68,469 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; tropoelastin
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.

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Online datasheet: <https://stage.aaabiotech.com/eln-human-elisa-kits/elastin/15580>