

Rat Elastin ELISA Kit | ELN elisa kit

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CATALOG #
AAA84006

REACTIVITY
Rat

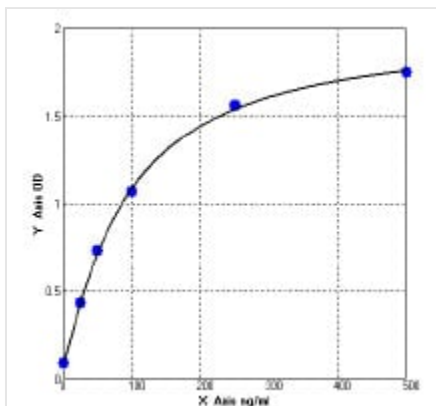
PRODUCT SYNONYMS

Elastin; Rat Elastin ELISA Kit; ELN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of ELN. No significant cross-reactivity or interference between ELN and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ELN and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Sandwich
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ELN elisa kit	Intended Uses: This ELN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat ELN. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: ELN ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ELN. Standards or samples are then added to the microtiter plate wells and ELN if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ELN present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ELN are added to each well to "sandwich" the ELN immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ELN and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ELN concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ELN elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	182021
NCBI GeneID	2006
Molecular Weight	60,980 Da
NCBI Official Full Name	elastin
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-rat-elisa-kits/elastin/84006>