

Mouse Elastin ELISA Kit | ELN elisa kit

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CATALOG #
AAA100109

REACTIVITY
Mouse

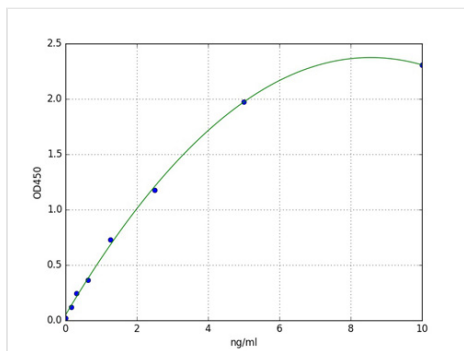
PRODUCT SYNONYMS

Elastin; Mouse Elastin ELISA Kit; ELN; ELN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	786
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a Mouse ELN ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.001	0.072	0.131	0.281	0.486	0.898	1.524	2.042

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ELN elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse ELN antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse ELN antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse ELN amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse ELN can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

525313599

NCBI GeneID	2006
NCBI Accession #	NP_001265868.1
NCBI GenBank Nucleotide #	NM_001278939.1
Molecular Weight	60,980 Da
NCBI Official Full Name	elastin isoform m
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.

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Online datasheet: <https://www.aaabiotech.com/elN-mouse-elisa-kits/elastin/100109>