

Chicken Elongin A ELISA Kit | ELOA elisa kit

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CATALOG #
AAA95853

REACTIVITY
Chicken

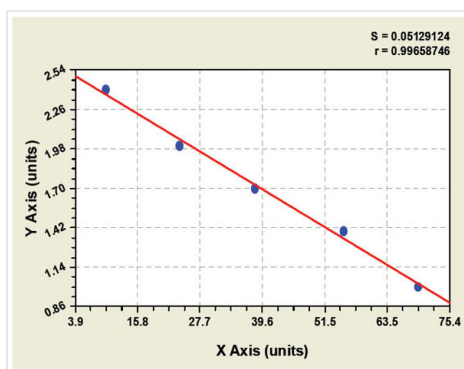
PRODUCT SYNONYMS

Elongin A; Chicken Elongin A ELISA Kit; ELOA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This vELOA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken ELOA. This ELISA kit for research use only, not for therapeutic applications
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ELOA elisa kit

Principle of the Assay: ELOA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ELOA antibody and an ELOA-HRP conjugate. The assay sample and buffer are incubated together with ELOA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ELOA concentration since ELOA from samples and ELOA-HRP conjugate compete for the anti-ELOA antibody binding site. Since the number of sites is limited, as more sites are occupied by ELOA from the sample, fewer sites are left to bind ELOA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ELOA concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	992563
NCBI GeneID	6924
Molecular Weight	89,909 Da
NCBI Official Full Name	elongin A
NCBI Official Synonym Full Names	transcription elongation factor B (SIII), polypeptide 3 (110kDa, elongin A)
NCBI Official Symbol	TCEB3
NCBI Official Synonym Symbols	EloA; SIII; TCEB3A; SIII p110
NCBI Protein Information	transcription elongation factor B polypeptide 3; elongin-A; elongin 110 kDa subunit; transcription elongation factor B alpha subunit; RNA polymerase II transcription factor SIII subunit A1
UniProt Protein Name	Transcription elongation factor B polypeptide 3
UniProt Gene Name	TCEB3
UniProt Synonym Gene Names	MSTP059; EloA
UniProt Entry Name	ELOA1_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/eloa-chicken-elisa-kits/elongin-a/95853>