

Chicken Stathmin 1 ELISA Kit | STMN1 elisa kit

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CATALOG #
AAA88985

REACTIVITY
Chicken

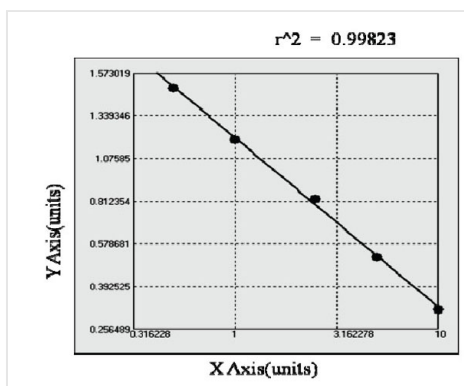
PRODUCT SYNONYMS

Stathmin 1; Chicken Stathmin 1 ELISA Kit; STMN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This STMN1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken STMN1. 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 STMN1 elisa kit

Principle of the Assay: STMN1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-STMN1 antibody and an STMN1-HRP conjugate. The assay sample and buffer are incubated together with STMN1-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 STMN1 concentration since STMN1 from samples and STMN1-HRP conjugate compete for the anti-STMN1 antibody binding site. Since the number of sites is limited, as more sites are occupied by STMN1 from the sample, fewer sites are left to bind STMN1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The STMN1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	197692597
NCBI GeneID	3925
UniProt Accession #	P16949; A2A2D1; B2R4E7; B7Z8N4; D3DPJ5; Q59G27; Q96CE4
Molecular Weight	17,303 Da
NCBI Official Full Name	stathmin 1
NCBI Official Synonym Full Names	stathmin 1
NCBI Official Symbol	STMN1
NCBI Official Synonym Symbols	Lag; SMN; OP18; PP17; PP19; PR22; LAP18; C1orf215
NCBI Protein Information	stathmin; prosolin; metablastin; oncoprotein 18; phosphoprotein 19; phosphoprotein p19; stathmin 1/oncoprotein 18; transmembrane protein C1orf215; leukemia-associated phosphoprotein p18
UniProt Protein Name	Stathmin
UniProt Gene Name	STMN1
UniProt Synonym Gene Names	C1orf215; LAP18; OP18; Op18; pp19
UniProt Entry Name	STMN1_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/stmn1-chicken-elisa-kits/stathmin-1/88985>