

Human Stathmin 1 ELISA Kit | STMN1 elisa kit

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CATALOG #
AAA16476

REACTIVITY
Human

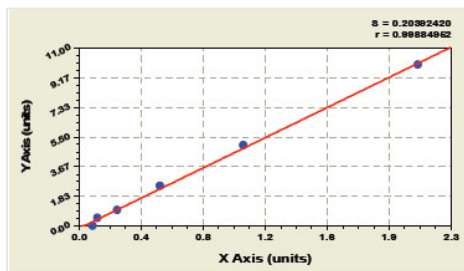
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This STMN-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human STMN-1. 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: STMN-1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for STMN-1. Standards or samples are then added to the microtiter plate wells and STMN-1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of STMN-1 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for STMN-1 are added to each well to "sandwich" the STMN-1 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 STMN-1 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 STMN-1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	197692597
NCBI GeneID	3925
Molecular Weight	19,824 Da
NCBI Official Full Name	stathmin 1, partial
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.