

Human Claspin (CLSPN) ELISA Kit | CLSPN elisa kit

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CATALOG #
AAA247068

REACTIVITY
Human

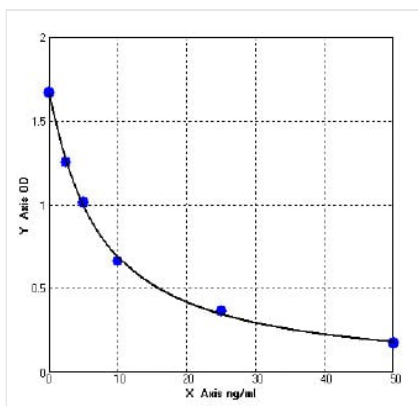
PRODUCT SYNONYMS

Claspin (CLSPN); Human Claspin (CLSPN) ELISA Kit; CLSPN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CLSPN. No significant cross-reactivity or interference between CLSPN and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CLSPN 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 Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLSPN elisa kit	Intended Uses: This CLSPN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CLSPN. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CLSPN ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CLSPN antibody and an CLSPN-HRP conjugate. The assay sample and buffer are incubated together with CLSPN-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 CLSPN concentration since CLSPN from samples and CLSPN-HRP conjugate compete for the anti-CLSPN antibody binding site. Since the number of sites is limited, as more sites are occupied by CLSPN from the sample, fewer sites are left to bind CLSPN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CLSPN concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CLSPN elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	86577820
NCBI GeneID	63967
Molecular Weight	150,368 Da
NCBI Official Full Name	Claspin
NCBI Official Synonym Full Names	claspin
NCBI Official Symbol	CLSPN
NCBI Protein Information	claspin; hClaspin; claspin homolog
UniProt Protein Name	Claspin
UniProt Gene Name	CLSPN
UniProt Synonym Gene Names	hClaspin
UniProt Entry Name	CLSPN_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/human-elisa-kits/claspin-clspn/247068>