

Human Ninein (NIN) ELISA Kit | NIN elisa kit

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CATALOG #
AAA331501

REACTIVITY
Human

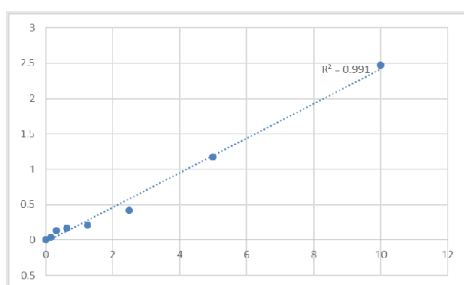
PRODUCT SYNONYMS

Ninein (NIN); Human Ninein (NIN) ELISA Kit; KIAA1565; GSK3B-interacting protein; glycogen synthase kinase 3 beta-interacting protein; ninein; ninein centrosomal protein; NIN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Ninein (NIN) ELISA Kit has high sensitivity and excellent specificity for detection of Human NIN. No significant cross-reactivity or interference between Human NIN and analogues was observed.
Sequence Length	1275
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Ninein (NIN) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for NIN elisa kit	Description: This Human Ninein (NIN) ELISA Kit employs a two-site sandwich ELISA to quantitate NIN in samples. An antibody specific for NIN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NIN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NIN is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of NIN bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: NIN encodes one of the proteins important for centrosomal function. Ninein is important for positioning and anchoring the microtubules minus-ends in epithelial cells. Localization of this protein to the centrosome requires three leucine zippers in the central coiled-coil domain. Multiple alternatively spliced transcript variants that encode different isoforms have been reported.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119586105
NCBI GeneID	51199
UniProt Accession #	Q8N4C6
NCBI Official Full Name	ninein (GSK3B interacting protein), isoform CRA_j
NCBI Official Synonym Full Names	ninein
NCBI Official Symbol	NIN
NCBI Official Synonym Symbols	SCKL7
NCBI Protein Information	ninein
UniProt Protein Name	Ninein
UniProt Gene Name	NIN
UniProt Synonym Gene Names	KIAA1565; hNinein; GSK3B-interacting protein

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.