

Human Nesprin 2 (Nesp2) ELISA Kit | Nesp2 elisa kit

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CATALOG #
AAA67088

REACTIVITY
Human

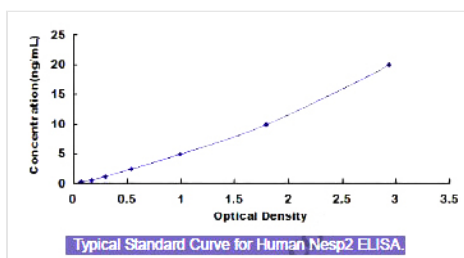
PRODUCT SYNONYMS

Nesprin 2 (Nesp2); Human Nesprin 2 (Nesp2) ELISA Kit; Nesp2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Nesp2. No significant cross-reactivity or interference between Nesp2 and analogues was observed.
Sequence Length	6885
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.112ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Nesp2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Nesp2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Nesp2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of Nesp2 in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Nesp2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to Nesp2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Nesp2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Nesp2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	118918403
NCBI GeneID	23224
NCBI Accession #	NP_055995.4
NCBI GenBank Nucleotide #	NM_015180.4
UniProt Accession #	Q8WXH0; Q540G1; Q86YP9; Q8N1S3; Q8NF49; Q8TER7; Q8WWW3; Q8WWW4; Q8WWW5; B4DND7; B4DPR6; I6XXQ5
Molecular Weight	119,457 Da
NCBI Official Full Name	nesprin-2 isoform 1
NCBI Official Synonym Full Names	spectrin repeat containing nuclear envelope protein 2
NCBI Official Symbol	SYNE2
NCBI Official Synonym Symbols	NUA; EDMD5; Nesp2; TROPH; NUANCE; SYNE-2; Nesprin-2
NCBI Protein Information	nesprin-2
UniProt Protein Name	Nesprin-2
UniProt Gene Name	SYNE2
UniProt Synonym Gene Names	KIAA1011; NUA; KASH2; Protein NUANCE; Syne-2

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.