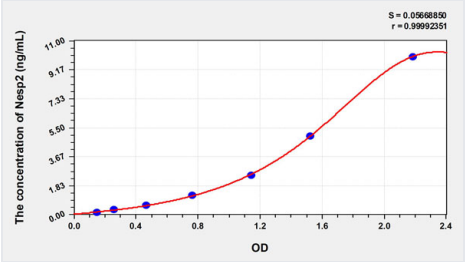
Nesp2 (Nesprin 2) (NESP2) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	Nesp2 (Nesprin 2), ELISA Kit
Full Product Name	Human Nesp2 (Nesprin 2) ELISA Kit
Product Gene Name	Nesp2 elisa kit
Product Synonym Names	SYNE2; NUA; NUANCE; SYNE-2; Synaptic nuclear envelope protein 2; Nuclear envelope spectrin repeat protein 2; Nucleus and actin connecting element protein
Species Reactivity	Human
Assay Type	Sandwich
Detection Range	0.16-10 ng/mL
Sensitivity	0.055 ng/mL
Specificity	This assay has high sensitivity and excellent specificity for detection of Human Nesp2. No significant cross-reactivity or interference between Human Nesp2 and analogues was observed.
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.
Inter-assay Precision	Inter-assay Precision (Precision between assays)? CV%<10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.
Product Categories/Family for Nesp2 elisa kit	Signal transduction; Immune molecule; Developmental science
Related Product Information for Nesp2 elisa kit	Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Nesprin 2(Nesp2). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Nesprin 2(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 Nesprin 2(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 Nesprin 2(Nesp2) in the samples is then determined by comparing the OD of the samples to the standard curve.
Other Notes	Small volumes of Nesp2 elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Nesp2 purchase	MBS8803138 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Nesp2 (Nesprin 2) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing Nesp2. The ELISA analytical biochemical technique of the MBS8803138 kit is based on Nesp2 antibody-Nesp2 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect Nesp2 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, Nesp2. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).



Typical Testing Data/Standard Curve (for reference only) of Nesp2 elisa kit

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/human-elisa-kits/nesp2-nesprin-2/8803138