

Human Neuritin 1 (NRN1) ELISA Kit | NRN1 elisa kit

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CATALOG #
AAA68629

REACTIVITY
Human

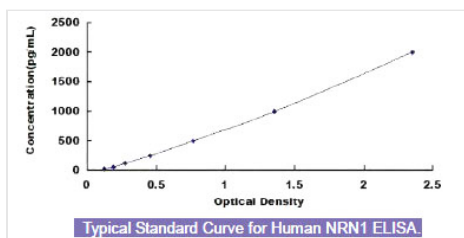
PRODUCT SYNONYMS

Neuritin 1 (NRN1); Human Neuritin 1 (NRN1) ELISA Kit; NRN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NRN1. No significant cross-reactivity or interference between NRN1 and analogues was observed.
Sequence Length	142
Samples	Serum, plasma, tissue homogenates, cell lysates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	<11.5pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NRN1 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 NRN1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NRN1 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of NRN1 in human serum, plasma, tissue homogenates, cell lysates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NRN1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NRN1. 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 NRN1, 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 NRN1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	525314165
NCBI GeneID	51299
NCBI Accession #	NP_001265639.1
NCBI GenBank Nucleotide #	NM_001278710.1
UniProt Accession #	Q9NPD7; Q7Z4Y1; B2RA93
Molecular Weight	15,333 Da
NCBI Official Full Name	neuritin isoform 1
NCBI Official Synonym Full Names	neuritin 1
NCBI Official Symbol	NRN1
NCBI Official Synonym Symbols	NRN; dJ380B8.2
NCBI Protein Information	neuritin
UniProt Protein Name	Neuritin
UniProt Gene Name	NRN1
UniProt Synonym Gene Names	NRN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/neuritin-1-nrn1/68629>