

Human Neurogranin (NRGN) ELISA Kit | NRGN elisa kit

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CATALOG #
AAA44077

REACTIVITY
Human

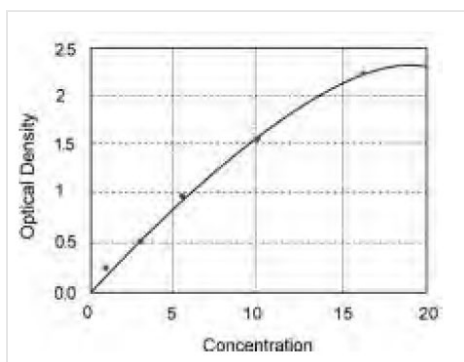
PRODUCT SYNONYMS

Neurogranin (NRGN); Human Neurogranin (NRGN) ELISA Kit; NRGN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	78
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	5-1500ng/ml
Sensitivity	2.42ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NRGN elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human NRGN antibody. NRGN present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human NRGN Antibody is added and binds to NRGN in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NRGN antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human NRGN. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Neurogranin (also known as NRGN) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	187131239
NCBI GeneID	4900
NCBI Accession #	NP_001119653.1
NCBI GenBank Nucleotide #	NM_001126181.1
UniProt Accession #	Q92686
Molecular Weight	7,618 Da
NCBI Official Full Name	neurogranin
NCBI Official Synonym Full Names	neurogranin
NCBI Official Symbol	NRGN
NCBI Official Synonym Symbols	RC3; hng
NCBI Protein Information	neurogranin
UniProt Protein Name	Neurogranin
UniProt Gene Name	NRGN
UniProt Synonym Gene Names	Ng

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/neurogranin-nrgn/44077>