

Human Neuregulin 1, NRG-1 ELISA Kit | NRG-1 elisa kit

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CATALOG #
AAA42838

REACTIVITY
Human

PRODUCT SYNONYMS

Neuregulin 1; NRG-1; Human Neuregulin 1; NRG-1 ELISA Kit; NRG-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	640
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 30ng/ml
Sensitivity	0.027ng/ml
Intra-Assay	CV<8%
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 NRG-1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Neuregulin 1 (also known as NRG-1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human NRG-1 antibody. NRG-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human NRG-1 Antibody is added and binds to NRG-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NRG-1 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 NRG-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	223462375
NCBI GeneID	3084
UniProt Accession #	Q02297; O14667; P98202; Q02298; Q02299; Q07110; Q07111; A5YAK4; A5YAK5; A8K1L2; B7Z4Z3; E9PHH4
Molecular Weight	71,331 Da
NCBI Official Full Name	Neuregulin 1
NCBI Official Synonym Full Names	neuregulin 1
NCBI Official Symbol	NRG1
NCBI Official Synonym Symbols	GGF; HGL; HRG; NDF; ARIA; GGF2; HRG1; HRGA; SMDF; MST131; MSTP131; NRG1-IT2
NCBI Protein Information	pro-neuregulin-1, membrane-bound isoform
UniProt Protein Name	Pro-neuregulin-1, membrane-bound isoform
UniProt Gene Name	NRG1
UniProt Synonym Gene Names	GGF; HGL; HRGA; NDF; SMDF; Pro-NRG1; ARIA; HRG

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/neuregulin-1-nrg-1/42838>