

Human NRG-3 ELISA Kit | NRG-3 elisa kit

Human NRG-3 (Neuregulin 3) ELISA Kit

CATALOG #
AAA164048

REACTIVITY
Human

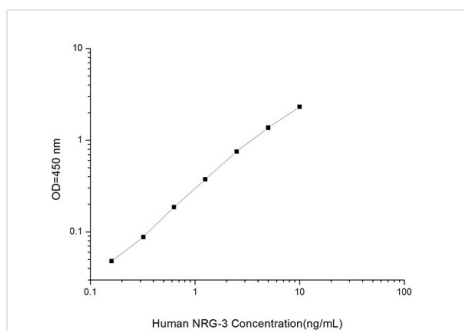
PRODUCT SYNONYMS

NRG-3; Human NRG-3 (Neuregulin 3) ELISA Kit; NRG-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human NRG-3. No significant cross-reactivity or interference between Human NRG-3 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human NRG-3 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	696
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NRG-3 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of NRG-3 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human NRG-3. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human NRG-3 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human NRG-3, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human NRG-3. You can calculate the concentration of Human NRG-3 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62866384
NCBI GeneID	10718
UniProt Accession #	P56975; Q0PEH2; Q5VYH3; A4D7U1
Molecular Weight	75,031 Da
NCBI Official Full Name	neuregulin-3
NCBI Official Synonym Full Names	neuregulin 3
NCBI Official Symbol	NRG3
NCBI Official Synonym Symbols	HRG3; pro-NRG3
NCBI Protein Information	pro-neuregulin-3, membrane-bound isoform; neuregulin 3 variant 1; neuregulin 3 variant 10; neuregulin 3 variant 11; neuregulin 3 variant 12; neuregulin 3 variant 13; neuregulin 3 variant 14; neuregulin 3 variant 3; neuregulin 3 variant 4; neuregulin 3 variant 5; neuregulin 3 variant 6; neuregulin 3 variant 7; neuregulin 3 variant 8; neuregulin 3 variant 9; neuregulin-3-like polypeptide
UniProt Protein Name	Pro-neuregulin-3, membrane-bound isoform
UniProt Gene Name	NRG3
UniProt Synonym Gene Names	Pro-NRG3; NRG-3
UniProt Entry Name	NRG3_HUMAN

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/nrg-3/164048>