

Human neuregulin-2 (NRG2) ELISA Kit | NRG2 elisa kit

Human neuregulin-2, NRG2 ELISA Kit

CATALOG #
AAA112277

REACTIVITY
Human

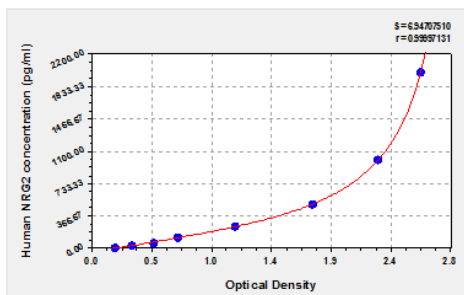
PRODUCT SYNONYMS

neuregulin-2 (NRG2); Human neuregulin-2; NRG2 ELISA Kit; Human neuregulin-2 (NRG2) ELISA kit; Don-1; HRG2; NTAK; divergent of neuregulin-1; neural- and thymus-derived activator for ErbB kinases; NRG2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human NRG2. No significant cross-reactivity or interference between human NRG2 and analogues was observed.
Sequence Length	784
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	31.25 pg/ml -2000 pg/ml.
Sensitivity	7.81 pg/ml.
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.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NRG2 elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for NRG2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NRG2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NRG2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of NRG2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	296531452
NCBI GeneID	9542
NCBI Accession #	NP_001171864.1
NCBI GenBank Nucleotide #	NM_001184935.1
UniProt Accession #	O14511
Molecular Weight	91,679 Da
NCBI Official Full Name	pro-neuregulin-2, membrane-bound isoform isoform 7
NCBI Official Synonym Full Names	neuregulin 2
NCBI Official Symbol	NRG2
NCBI Official Synonym Symbols	DON1; HRG2; NTAK
NCBI Protein Information	pro-neuregulin-2, membrane-bound isoform; pro-NRG2; divergent of neuregulin-1; neural- and thymus-derived activator for ErbB kinases
UniProt Protein Name	Pro-neuregulin-2, membrane-bound isoform
UniProt Gene Name	NRG2
UniProt Synonym Gene Names	NTAK; Pro-NRG2; NRG-2; DON-1; NTAK
UniProt Entry Name	NRG2_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/neuregulin-2-nrg2/112277>