

Human Neuregulin 1 Alpha ELISA Kit | NRG1 a elisa kit

Human Neuregulin 1 Alpha ELISA Kit

CATALOG #
AAA96154

REACTIVITY
Human

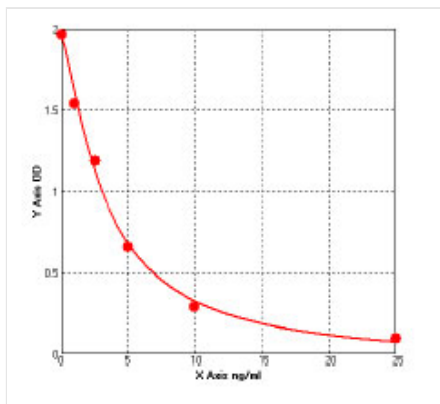
PRODUCT SYNONYMS

Neuregulin 1 Alpha; Human Neuregulin 1 Alpha ELISA Kit; NRG1 a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NRG-1alpha. No significant cross-reactivity or interference between NRG-1alpha and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between NRG-1alpha and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NRG1 a elisa kit	Principle of the Assay: NRG-1alpha ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-NRG-1alpha antibody and an NRG-1alpha-HRP conjugate. The assay sample and buffer are incubated together with NRG-1alpha-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the NRG-1alpha concentration since NRG-1alpha from samples and NRG-1alpha-HRP conjugate compete for the anti-NRG-1alpha antibody binding site. Since the number of sites is limited, as more sites are occupied by NRG-1alpha from the sample, fewer sites are left to bind NRG-1alpha-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NRG-1alpha concentration in each sample is interpolated from this standard curve. Intended Uses: This NRG-1alpha ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human NRG-1alpha. This ELISA kit for research use only, not for therapeutic or test applications!
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	37700461
Molecular Weight	42,981 Da
NCBI Official Full Name	neuregulin 1 alpha isoform, partial
UniProt Protein Name	Neuregulin 1 alpha isoform
UniProt Entry Name	Q6TGK9_RABIT

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://www.aaabiotech.com/nrg1-a-human-elisa-kits/neuregulin-1-alpha/96154>