Human LNGFR (Low Affinity Nerve Growth Factor Receptor) ELISA Kit | LNGFR elisa kit

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CATALOG #	REACTIVITY
AAA277117	**Human**

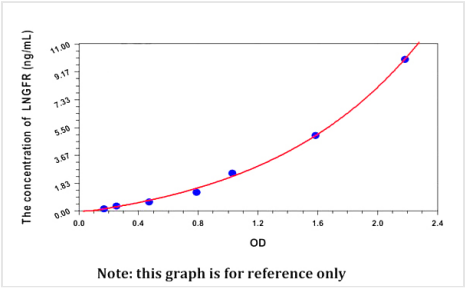
PRODUCT SYNONYMS

LNGFR (Low Affinity Nerve Growth Factor Receptor); Human LNGFR (Low Affinity Nerve Growth Factor Receptor) ELISA Kit; CD271; NGFR; TNFRSF16; P75 (NTR); Tumor necrosis factor receptor superfamily member 16; P75 Neurotrophin Receptor; Gp80-LNGFR; Low affinity neurotrophin receptor p75NTR; LNGFR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human LNGFR. No significant cross-reactivity or interference between Human LNGFR and analogues was observed.
Assay Type	Sandwich
Detection Range	0.16-10 ng/mL
Sensitivity	0.058 ng/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 intra-assay precision.
Inter-assay Precision	Inter-assay Precision (Precision between assays)? CV%<10% Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LNGFR elisa kit	Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Low Affinity Nerve Growth Factor Receptor(LNGFR). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Low Affinity Nerve Growth Factor Receptor(LNGFR). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Low Affinity Nerve Growth Factor Receptor(LNGFR), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Low Affinity Nerve Growth Factor Receptor(LNGFR) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for LNGFR elisa kit	Signal transduction; Infection immunity; Neuro science

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/lngfr-low-affinity-nerve-growth-factor-receptor/277117