

Human NRX2B (Neurexin-2-beta) ELISA Kit | NRX2B elisa kit

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CATALOG #
AAA251080

REACTIVITY
Human

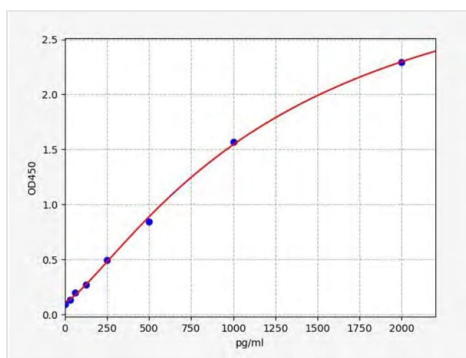
PRODUCT SYNONYMS

NRX2B (Neurexin-2-beta); Human NRX2B (Neurexin-2-beta) ELISA Kit; NRX2B; Neurexin-2-beta; Neurexin II-beta; NRX2B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize NRX2B, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	31.2-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NRX2B elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti NRX2B antibody was pre-coated onto the 96-well plate. The biotin conjugated anti NRX2B antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with NRX2B conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of NRX2B in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21166382
NCBI GeneID	9379
NCBI Accession #	NP_620063.1
NCBI GenBank Nucleotide #	NM_138734.2
UniProt Accession #	P58401; Q9P2S2
Molecular Weight	184,982 Da
NCBI Official Full Name	neurexin-2-beta isoform beta
NCBI Official Synonym Full Names	neurexin 2
NCBI Official Symbol	NRXN2
NCBI Protein Information	neurexin-2-beta
UniProt Protein Name	Neurexin-2-beta
UniProt Gene Name	NRXN2

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/nrx2b-neurexin-2-beta/251080>