

Rat Nlgn3 (Neuroigin-3) ELISA Kit | Nlgn3 elisa kit

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CATALOG #
AAA250921

REACTIVITY
Rat

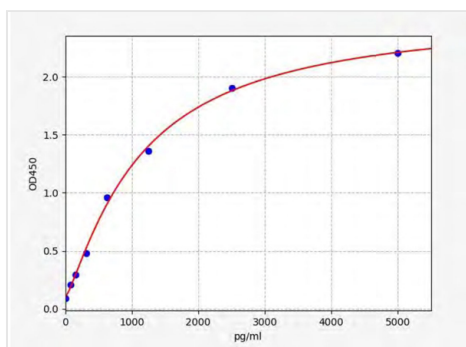
PRODUCT SYNONYMS

Nlgn3 (Neuroigin-3); Rat Nlgn3 (Neuroigin-3) ELISA Kit; Nlgn3; Neuroigin-3; Nlgn3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Specifically recognize Nlgn3, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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 Nlgn3 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti Nlgn3 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti Nlgn3 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 Nlgn3 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 Nlgn3 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 #	1145791
NCBI GeneID	171297
UniProt Accession #	Q62889
Molecular Weight	89,531 Da
NCBI Official Full Name	neuroligin 3
NCBI Official Synonym Full Names	neuroligin 3
NCBI Official Symbol	Nlgn3
NCBI Protein Information	neuroligin-3
UniProt Protein Name	Neuroligin-3
UniProt Gene Name	Nlgn3

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/rat-elisa-kits/nlgn3-neuroligin-3/250921>