

Rat nicotinic acetylcholine receptor, N-AChR ELISA Kit | N-AChR elisa kit

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CATALOG #
AAA43231

REACTIVITY
Rat

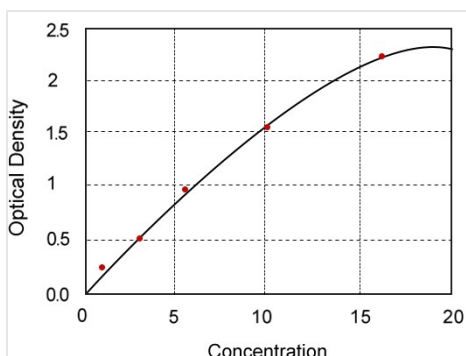
PRODUCT SYNONYMS

nicotinic acetylcholine receptor; N-AChR; Rat nicotinic acetylcholine receptor; N-AChR ELISA Kit; N-AChR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	602
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1ng/ml - 60ng/ml
Sensitivity	0.52ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for N-AChR elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Nicotinic Acetylcholine Receptor (also known as N-AChR) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat N-AChR antibody. N-AChR present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat N-AChR Antibody is added and binds to N-AChR in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated N-AChR antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat N-AChR. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	854159
NCBI GeneID	1137
UniProt Accession #	P43681; Q4JGR7; Q4VAQ5; Q4VAQ6
Molecular Weight	60,994 Da
NCBI Official Full Name	nicotinic acetylcholine receptor, partial
NCBI Official Synonym Full Names	cholinergic receptor nicotinic alpha 4 subunit
NCBI Official Symbol	CHRNA4
NCBI Official Synonym Symbols	EBN; BFNC; EBN1; NACHR; NACRA4; NACHRA4
NCBI Protein Information	neuronal acetylcholine receptor subunit alpha-4
UniProt Protein Name	Neuronal acetylcholine receptor subunit alpha-4
UniProt Gene Name	CHRNA4
UniProt Synonym Gene Names	NACRA4

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/nicotinic-acetylcholine-receptor-n-achr/43231>