

Human nicotinic acetylcholine receptor (N-AChR) antibody ELISA Kit | CHRNA4 elisa kit

Human nicotinic acetylcholine receptor, N-AChR antibody ELISA Kit

CATALOG #
AAA80956

REACTIVITY
Human

PRODUCT SYNONYMS

nicotinic acetylcholine receptor (N-AChR) antibody; Human nicotinic acetylcholine receptor; N-AChR antibody ELISA Kit; Human nicotinic acetylcholine receptor (N-AChR) antibody ELISA kit; CHRNA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human nicotinic acetylcholine receptor (N-AChR) antibody. No significant cross-reactivity or interference between human nicotinic acetylcholine receptor (N-AChR) antibody and analogues was observed.
Sequence Length	602
Samples	Serum
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES

TYPICAL DATA		
Test parameter	specification	test result
Positive control	>0.8	1.326
Negative control	<0.2	0.065
Positive rate	10, Positive	100%
Negative rate	10, Negative	100%

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHRNA4 elisa kit

Principle of the assay: This assay employs the qualitative enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with antigen. Samples are pipetted into the wells with anti-human immunoglobulin conjugated Horseradish Peroxidase (HRP). Any antibodies specific for the antigen present will bind to the pre-coated antigen. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of human nicotinic acetylcholine receptor (N-AChR) antibody bound in the initial step. The color development is stopped and the intensity of the color is measured.

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 (neuronal)
NCBI Official Symbol	CHRNA4
NCBI Official Synonym Symbols	EBN; BFNC; EBN1; NACHR; NACRA4; NACHRA4
NCBI Protein Information	neuronal acetylcholine receptor subunit alpha-4; cholinergic receptor, nicotinic, alpha polypeptide 4; neuronal nicotinic acetylcholine receptor alpha-4 subunit
UniProt Protein Name	Neuronal acetylcholine receptor subunit alpha-4
UniProt Gene Name	CHRNA4
UniProt Synonym Gene Names	NACRA4
UniProt Entry Name	ACHA4_HUMAN

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://stage.aaabiotech.com/human-elisa-kits/nicotinic-acetylcholine-receptor-n-achr-antibody/80956>