

Human Neuronal acetylcholine receptor subunit alpha-7 ELISA Kit | CHRNA7 elisa kit

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CATALOG #
AAA196203

REACTIVITY
Human

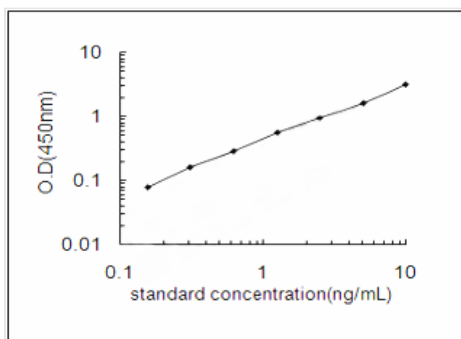
PRODUCT SYNONYMS

Neuronal acetylcholine receptor subunit alpha-7; Human Neuronal acetylcholine receptor subunit alpha-7 ELISA Kit; CHRNA7; NACHRA7; CHRNA7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Neuronal acetylcholine receptor subunit alpha-7. No significant cross-reactivity or interference was observed.
Sequence Length	502
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.15 ng/mL -10.0 ng/mL
Sensitivity	0.07 ng/mL
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHRNA7 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Neuronal acetylcholine receptor subunit alpha-7 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Neuronal acetylcholine receptor subunit alpha-7. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Neuronal acetylcholine receptor subunit alpha-7 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Neuronal acetylcholine receptor subunit alpha-7, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of Neuronal acetylcholine receptor subunit alpha-7 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502831
NCBI GeneID	1139
NCBI Accession #	NP_000737.1
NCBI GenBank Nucleotide #	NM_000746.5
Molecular Weight	11,485 Da
NCBI Official Full Name	neuronal acetylcholine receptor subunit alpha-7 isoform 1
NCBI Official Synonym Full Names	cholinergic receptor nicotinic alpha 7 subunit
NCBI Official Symbol	CHRNA7
NCBI Official Synonym Symbols	NACHRA7; CHRNA7-2
NCBI Protein Information	neuronal acetylcholine receptor subunit alpha-7
UniProt Protein Name	Neuronal acetylcholine receptor subunit alpha-7
UniProt Gene Name	CHRNA7
UniProt Synonym Gene Names	NACHRA7
UniProt Entry Name	ACHA7_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.

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Online datasheet: <https://stage.aaabiotech.com/chrna7-human-elisa-kits/neuronal-acetylcholine-receptor-subunit-alpha-7/196203>