

Human Cholinergic Receptor, Nicotinic, Alpha 7 (CHRNA7) RTU ELISA Kit | CHRNA7 rtu elisa kit

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CATALOG # AAA69776	REACTIVITY Human
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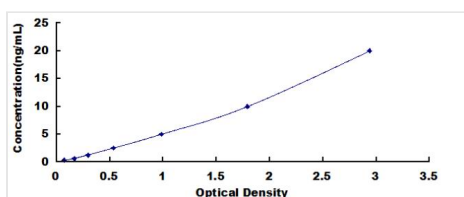
PRODUCT SYNONYMS

Cholinergic Receptor; Nicotinic; Alpha 7 (CHRNA7); Human Cholinergic Receptor; Alpha 7 (CHRNA7) ELISA Kit; CHR-NA7; CHRN-A7; N-AChRA7; NACHRA7; N-AChR-A7; Neuronal Acetylcholine Receptor Alpha 7; CHRNA7 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	502
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.112ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHRNA7 rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CHRNA7. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CHRNA7. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CHRNA7, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of CHRNA7 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
UniProt Accession #	P36544; Q15826; Q8IUZ4; Q96RH2; Q99555; Q9BXH0; A8K7Q4; B4DFS0
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

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://www.aaabiotech.com/human-rtu-elisa-kits/cholinergic-receptor-nicotinic-alpha-7-chrna7/69776>