

Rat Cholinergic Receptor, Nicotinic, Alpha 1 (CHRNA1) RTU ELISA Kit | CHRNA1 rtu elisa kit

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CATALOG # AAA69773	REACTIVITY Rat
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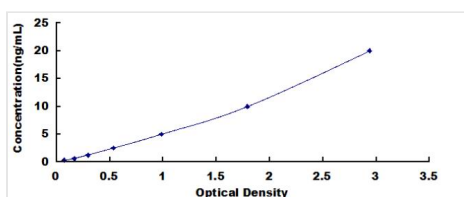
PRODUCT SYNONYMS

Cholinergic Receptor; Nicotinic; Alpha 1 (CHRNA1); Rat Cholinergic Receptor; Alpha 1 (CHRNA1) ELISA Kit; CHR-NA1; N-AChRA1; NACHRA1; ACHRA; ACHRD; CMS2A; FCCMS; SCCMS; Acetylcholine receptor subunit alpha; N-AChR-A1; Neuronal Acetylcholine Receptor Alpha 1; Muscle; CHRNA1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	457
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.122ng/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 CHRNA1 rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CHRNA1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CHRNA1. 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 CHRNA1, 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 CHRNA1 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 #	13324700
NCBI GeneID	79557
NCBI Accession #	NP_077811.1
NCBI GenBank Nucleotide #	NM_024485.1
UniProt Accession #	P25108
Molecular Weight	51,867 Da
NCBI Official Full Name	acetylcholine receptor subunit alpha
NCBI Official Synonym Full Names	cholinergic receptor nicotinic alpha 1 subunit
NCBI Official Symbol	Chrna1
NCBI Protein Information	acetylcholine receptor subunit alpha
UniProt Protein Name	Acetylcholine receptor subunit alpha
UniProt Gene Name	Chrna1
UniProt Synonym Gene Names	Acra

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-rtu-elisa-kits/cholinergic-receptor-nicotinic-alpha-1-chrna1/69773>