

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

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CATALOG #
AAA66486

REACTIVITY
Human

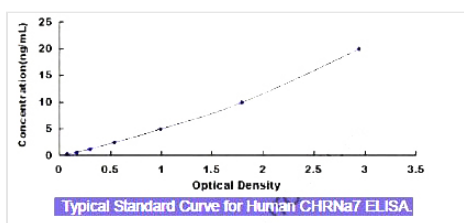
PRODUCT SYNONYMS

Cholinergic Receptor; Nicotinic; Alpha 7 (CHRNA7); Human Cholinergic Receptor; Alpha 7 (CHRNA7) ELISA Kit; ACBP; Anaphylatoxin inactivator; Arginine carboxypeptidase; Carboxypeptidase N catalytic chain; Carboxypeptidase N polypeptide 1; Carboxypeptidase N small subunit; CPN; CHRNA7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CHRNA7. No significant cross-reactivity or interference between CHRNA7 and analogues was observed.
Sequence Length	502
Samples	human tissue homogenates, cell lysates or other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	<0.112ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CHRNA7 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CHRNA7 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for
CHRNA7 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of CHRNA7 in human tissue homogenates, cell lysates or other biological fluids.

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://stage.aaabiotech.com/human-elisa-kits/cholinergic-receptor-nicotinic-alpha-7-chrna7/66486>