

Human Muscarinic Acetylcholine Receptor ELISA Kit | M-AChR elisa kit

Human Muscarinic Acetylcholine Receptor ELISA Kit

CATALOG #
AAA102111

REACTIVITY
Human

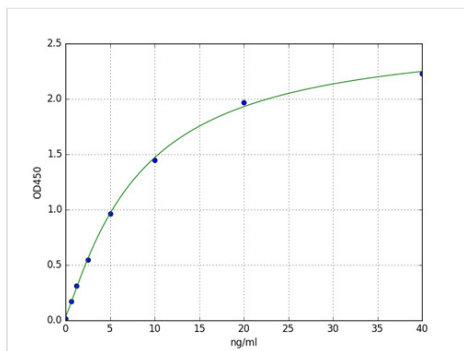
PRODUCT SYNONYMS

Muscarinic Acetylcholine Receptor; Human Muscarinic Acetylcholine Receptor ELISA Kit; M-AChR; M-AChR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	460
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human M-AChR ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.625	1.25	2.5	5	10	20	40
Y	OD450	0.026	0.065	0.101	0.143	0.293	0.751	1.271	2.043

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for M-AChR elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human M-AChR antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human M-AChR antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human M-AChR amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human M-AChR can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	297406
NCBI GeneID	1128
UniProt Accession #	P11229; Q96RH1
Molecular Weight	50,748 Da
NCBI Official Full Name	muscarinic acetylcholine receptor
NCBI Official Synonym Full Names	cholinergic receptor, muscarinic 1
NCBI Official Symbol	CHRM1
NCBI Official Synonym Symbols	M1; HM1; M1R
NCBI Protein Information	muscarinic acetylcholine receptor M1
UniProt Protein Name	Muscarinic acetylcholine receptor M1
UniProt Gene Name	CHRM1
UniProt Entry Name	ACM1_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/m-achr-human-elisa-kits/muscarinic-acetylcholine-receptor/102111>