

Human muscarinic acetylcholine receptor M4, M-AChR M4 ELISA Kit | M-AChR M4 elisa kit

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CATALOG #
AAA43482

REACTIVITY
Human

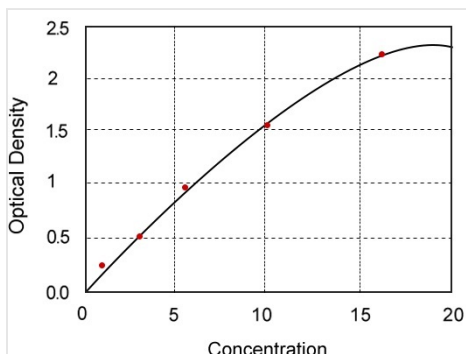
PRODUCT SYNONYMS

muscarinic acetylcholine receptor M4; M-AChR M4; Human muscarinic acetylcholine receptor M4; M-AChR M4 ELISA Kit; M-AChR M4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	479
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.024ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for M-AChR M4 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Muscarinic Acetylcholine Receptor M4 (also known as M-ACHR M4) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human M-ACHR M4 antibody. M-ACHR M4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human M-ACHR M4 Antibody is added and binds to M-ACHR M4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated M-ACHR M4 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human M-ACHR M4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6680940
NCBI GeneID	12672
NCBI Accession #	NP_031725.1
NCBI GenBank Nucleotide #	NM_007699.2
UniProt Accession #	P32211; Q64056
Molecular Weight	52,973 Da
NCBI Official Full Name	muscarinic acetylcholine receptor M4
NCBI Official Synonym Full Names	cholinergic receptor, muscarinic 4
NCBI Official Symbol	Chrm4
NCBI Official Synonym Symbols	M4; Chrm-4
NCBI Protein Information	muscarinic acetylcholine receptor M4
UniProt Protein Name	Muscarinic acetylcholine receptor M4
UniProt Gene Name	Chrm4
UniProt Synonym Gene Names	Chrm-4

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/muscarinic-acetylcholine-receptor-m4-m-achr-m4/43482>