

Human M-AChR M1 ELISA Kit | M-AChRM1 elisa kit

Human M-AChR M1 (Muscarinic Acetylcholine Receptor M1) ELISA Kit

CATALOG #
AAA163572

REACTIVITY
Human

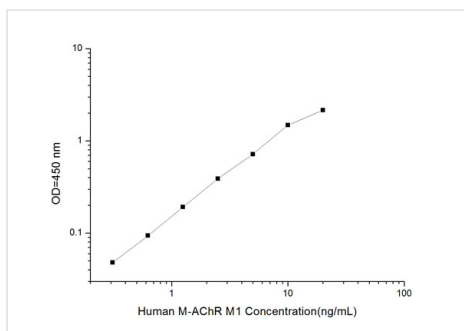
PRODUCT SYNONYMS

M-AChR M1; Human M-AChR M1 (Muscarinic Acetylcholine Receptor M1) ELISA Kit; M-AChRM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human M-AChRM1. No significant cross-reactivity or interference between Human M-AChRM1 and analogues was observed.
Sequence Length	460
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for M-AChRM1 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human M-AChRM1 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to M-AChRM1. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for M-AChRM1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain M-AChRM1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of M-AChRM1. You can calculate the concentration of M-AChRM1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31542388
NCBI GeneID	12669
NCBI Accession #	NP_031724.2
NCBI GenBank Nucleotide #	NM_007698.3
UniProt Accession #	P12657; Q52KQ0; Q8BJN3
Molecular Weight	51,379 Da
NCBI Official Full Name	muscarinic acetylcholine receptor M1
NCBI Official Synonym Full Names	cholinergic receptor, muscarinic 1, CNS
NCBI Official Symbol	Chrm1
NCBI Official Synonym Symbols	M1; M1R; Chrm-1
NCBI Protein Information	muscarinic acetylcholine receptor M1; AChR M1; m1 muscarinic acetylcholine receptor protein
UniProt Protein Name	Muscarinic acetylcholine receptor M1
UniProt Gene Name	Chrm1
UniProt Synonym Gene Names	Chrm-1
UniProt Entry Name	ACM1_MOUSE

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.