

Human M-AChR M3 ELISA Kit | M-AChR M3 elisa kit

Human M-AChR M3 (Muscarinic Acetylcholine Receptor M3) ELISA Kit

CATALOG #
AAA164798

REACTIVITY
Human

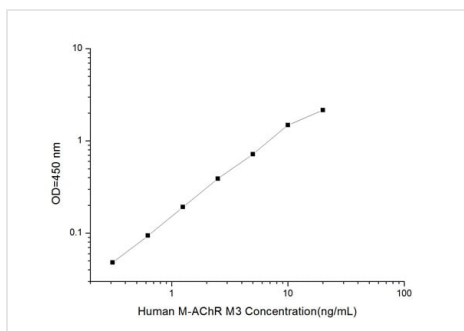
PRODUCT SYNONYMS

M-AChR M3; Human M-AChR M3 (Muscarinic Acetylcholine Receptor M3) ELISA Kit; M-AChR M3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human M-AChR M3. No significant cross-reactivity or interference between Human M-AChR M3 and analogues was observed.
Sequence Length	590
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-AChR M3 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human M-AChR M3 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-AChR M3. 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-AChR M3 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-AChR M3, 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-AChR M3. You can calculate the concentration of M-AChR M3 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27806259
NCBI GeneID	281685
NCBI Accession #	NP_776695.1
NCBI GenBank Nucleotide #	NM_174270.2
UniProt Accession #	P41984
Molecular Weight	66,103 Da
NCBI Official Full Name	muscarinic acetylcholine receptor M3
NCBI Official Synonym Full Names	cholinergic receptor, muscarinic 3<
NCBI Official Symbol	CHRM3
NCBI Protein Information	muscarinic acetylcholine receptor M3
UniProt Protein Name	Muscarinic acetylcholine receptor M3
UniProt Gene Name	CHRM3
UniProt Entry Name	ACM3_BOVIN

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/m-achr-m3/164798>