

Chicken Muscarinic acetylcholine receptor M3 ELISA Kit | M-Achr M3 elisa kit

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CATALOG # AAA93640	REACTIVITY Chicken
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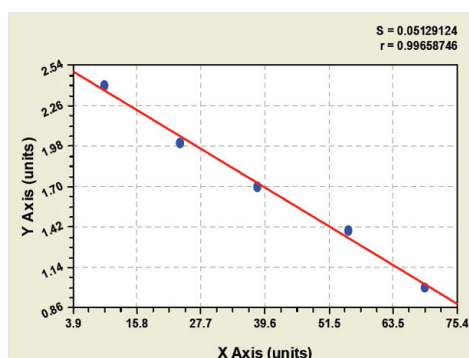
PRODUCT SYNONYMS

Muscarinic acetylcholine receptor M3; Chicken Muscarinic acetylcholine receptor M3 ELISA Kit; M-Achr M3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This M-AChR M3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken M-AChR M3. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for M-Achr M3 elisa kit	Principle of the Assay: M-AChR M3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-M-AChR M3 antibody and an M-AChR M3-HRP conjugate. The assay sample and buffer are incubated together with M-AChR M3-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the M-AChR M3 concentration since M-AChR M3 from samples and M-AChR M3-HRP conjugate compete for the anti-M-AChR M3 antibody binding site. Since the number of sites is limited, as more sites are occupied by M-AChR M3 from the sample, fewer sites are left to bind M-AChR M3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The M-AChR M3 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for M-Achr M3 elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502819
NCBI GeneID	1131
NCBI Accession #	NP_000731.1
NCBI GenBank Nucleotide #	NM_000740.2
UniProt Accession #	P20309; Q0VAJ8; Q4QRI3; Q5VXY2; Q9HB60; Q8NG01; Q96RG9
Molecular Weight	66,128 Da
NCBI Official Full Name	muscarinic acetylcholine receptor M3
NCBI Official Synonym Full Names	cholinergic receptor, muscarinic 3
NCBI Official Symbol	CHRM3
NCBI Official Synonym Symbols	HM3; EGBRS
NCBI Protein Information	muscarinic acetylcholine receptor M3; m3 muscarinic receptor; acetylcholine receptor, muscarinic 3
UniProt Protein Name	Muscarinic acetylcholine receptor M3
UniProt Gene Name	CHRM3
UniProt Entry Name	ACM3_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-m3-chicken-elisa-kits/muscarinic-acetylcholine-receptor-m3/93640>