

## Mouse muscarinic acetylcholine receptor M3, M-AChR M3 ELISA Kit | M-AChR M3 elisa kit

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CATALOG #  
**AAA121474**

REACTIVITY  
**Mouse**

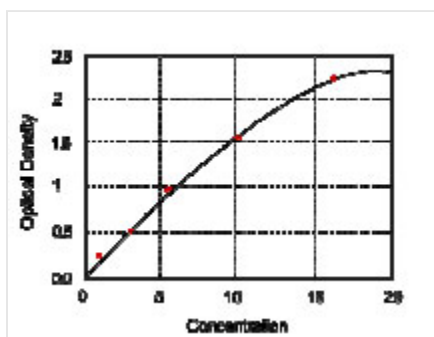
### PRODUCT SYNONYMS

muscarinic acetylcholine receptor M3; M-AChR M3; Mouse muscarinic acetylcholine receptor M3; M-AChR M3 ELISA Kit; M-AChR M3 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                            |
| Sequence Length         | 590                                                                                                                                                                                              |
| Samples                 | Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids                                                                                                   |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Detection Range         | 20-4500ng/L                                                                                                                                                                                      |
| Sensitivity             | 9.52ng/L                                                                                                                                                                                         |
| Intra-assay Precision   | Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%                              |
| Inter-assay Precision   | Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10% |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                                                                                                                                           |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| Related Product Information for M-AChR M3 elisa kit | <p>Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse muscarinic acetylcholine receptor M3 (also known as M-AChR M3) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.</p> <p>Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse M-AChR M3 antibody. M-AChR M3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse M-AChR M3 Antibody is added and binds to M-AChR M3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated M-AChR M3 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 Mouse M-AChR M3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 4502819                                |
| NCBI GeneID                      | 1131                                   |
| NCBI Accession #                 | NP_000731.1                            |
| NCBI GenBank Nucleotide #        | NM_000740.3                            |
| UniProt Accession #              | P20309; Q0VAJ8; Q4QRI3; Q5VXY2; Q9HB60 |
| 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; PBS; EGBRS                        |
| NCBI Protein Information         | muscarinic acetylcholine receptor M3   |
| UniProt Protein Name             | Muscarinic acetylcholine receptor M3   |
| UniProt Gene Name                | CHRM3                                  |

**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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/muscarinic-acetylcholine-receptor-m3-m-achr-m3/121474>