

Guinea Pig Muscarinic acetylcholine receptor M3 ELISA Kit | M-AChr elisa kit

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CATALOG #
AAA16116

REACTIVITY
Guinea Pig

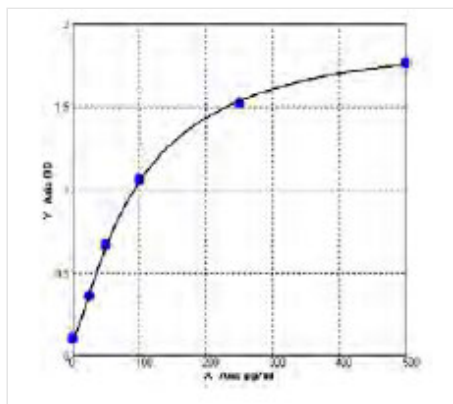
PRODUCT SYNONYMS

Muscarinic acetylcholine receptor M3; Guinea pig Muscarinic acetylcholine receptor M3 ELISA Kit; M-AChr elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for M-AChr elisa kit	Intended Uses: This AchRM3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig AchRM3. Principle of the Assay: AchRM3 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for AchRM3. Standards or samples are then added to the microtiter plate wells and AchRM3 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of AchRM3 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for AchRM3 are added to each well to "sandwich" the AchRM3 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain AchRM3 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AchRM3 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for M-AChr elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502819
NCBI GeneID	1131
NCBI Accession #	NP_000731.1
NCBI GenBank Nucleotide #	NM_000740.2
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.

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Online datasheet: <https://stage.aaabiotech.com/m-achr-guinea-pig-pig-elisa-kits/muscarinic-acetylcholine-receptor-m3/16116>