

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

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CATALOG #
AAA91043

REACTIVITY
Sheep

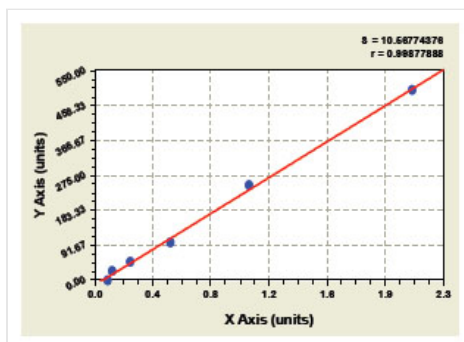
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

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

IMAGES



ADDITIONAL INFORMATION

Related Product Information for M-Achr M3 elisa kit

Principle of the Assay: M-Achr M3 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for M-Achr M3. Standards or samples are then added to the microtiter plate wells and M-Achr M3 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of M-Achr M3 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for M-Achr M3 are added to each well to "sandwich" the M-Achr M3 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 M-Achr M3 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 M-Achr M3 concentration in each sample is interpolated from this standard curve.

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-m3-sheep-elisa-kits/muscarinic-acetylcholine-receptor-m3/91043>