

Mouse Cholinergic Receptor, Muscarinic 2 ELISA Kit | CHRM2 elisa kit

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CATALOG #
AAA83353

REACTIVITY
Mouse

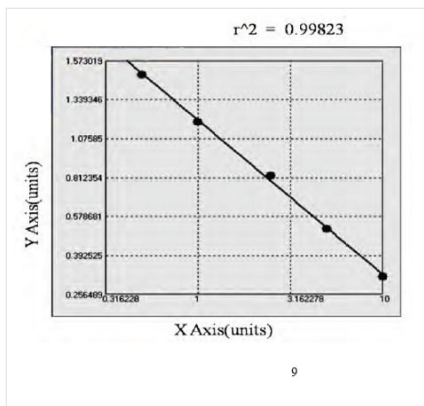
PRODUCT SYNONYMS

Cholinergic Receptor; Muscarinic 2; Mouse Cholinergic Receptor; Muscarinic 2 ELISA Kit; CHRM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This CHRM2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CHRM2. 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 CHRM2 elisa kit

Principle of the Assay: CHRM2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CHRM2 antibody and an CHRM2-HRP conjugate. The assay sample and buffer are incubated together with CHRM2-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 CHRM2 concentration since CHRM2 from samples and CHRM2-HRP conjugate compete for the anti-CHRM2 antibody binding site. Since the number of sites is limited, as more sites are occupied by CHRM2 from the sample, fewer sites are left to bind CHRM2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CHRM2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21693513
Molecular Weight	13,931 Da
NCBI Official Full Name	CHRM2, partial
UniProt Protein Name	CHRM2
UniProt Gene Name	LOC714886
UniProt Entry Name	Q8MJB0_MACMU

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/chrm2-mouse-elisa-kits/cholinergic-receptor-muscarinic-2/83353>