

Human Anti M2 cholinergic receptor antibodies ELISA Kit | CHRM2 elisa kit

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CATALOG #
AAA16691

REACTIVITY
Human

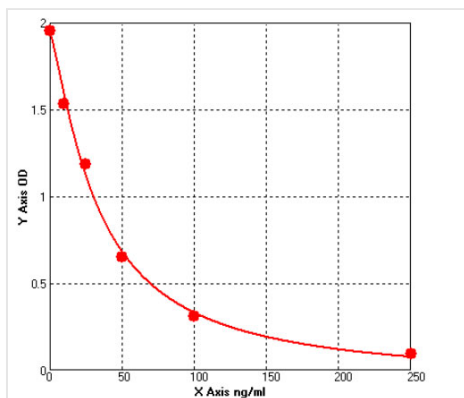
PRODUCT SYNONYMS

Anti M2 cholinergic receptor antibodies; Human Anti M2 cholinergic receptor antibodies ELISA Kit; CHRM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of AM2Ab. No significant cross-reactivity or interference between AM2Ab and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between AM2Ab and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Intended Uses	This AM2Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human AM2Ab. 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: AM2Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing M2 Cholinergic Receptor Antibodies and an AM2Ab-HRP conjugate. The assay sample and buffer are incubated together with AM2Ab-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 AM2Ab concentration since AM2Ab from samples and AM2Ab-HRP conjugate compete for the M2 Cholinergic Receptor Antibodies binding site. Since the number of sites is limited, as more sites are occupied by AM2Ab from the sample, fewer sites are left to bind AM2Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AM2Ab concentration in each sample is interpolated from this standard curve. Intended Uses: This AM2Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human AM2Ab. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for CHRM2 elisa kit	Signal Transduction

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-human-elisa-kits/anti-m2-cholinergic-receptor-antibodies/16691>