

## Rat CHRM2 ELISA Kit | CHRM2 elisa kit

Rat CHRM2 (Cholinergic Receptor, Muscarinic 2) ELISA Kit

CATALOG #  
**AAA164774**

REACTIVITY  
**Rat**

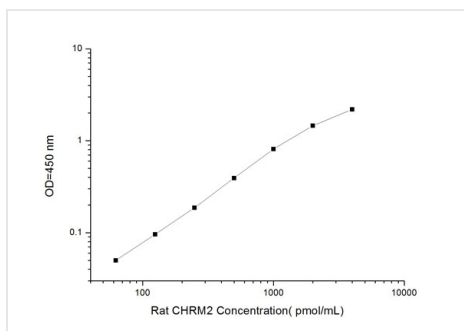
### PRODUCT SYNONYMS

CHRM2; Rat CHRM2 (Cholinergic Receptor; Muscarinic 2) ELISA Kit; CHRM2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Rat CHRM2. No significant cross-reactivity or interference between Rat CHRM2 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat CHRM2 and all the analogues, therefore, cross reaction may still exist. |
| Sequence Length         | 129                                                                                                                                                                                                                                                                                                                                                                                        |
| Samples                 | Serum, Plasma, Biological Fluids                                                                                                                                                                                                                                                                                                                                                           |
| Assay Type              | Sandwich                                                                                                                                                                                                                                                                                                                                                                                   |
| Detection Range         | 62.5-4000 pmol/mL                                                                                                                                                                                                                                                                                                                                                                          |
| Sensitivity             | Min: 37.5 pmol/mL; Max: 4000 pmol/mL                                                                                                                                                                                                                                                                                                                                                       |
| Preparation and Storage | Store at 4 degree C.                                                                                                                                                                                                                                                                                                                                                                       |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for CHRM2 elisa kit | <p><b>Description:</b> The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CHRM2 in Rat serum, plasma and other biological fluids</p> <p><b>Principle of the Assay:</b> This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat CHRM2. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat CHRM2 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat CHRM2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat CHRM2. You can calculate the concentration of Rat CHRM2 in the samples by comparing the OD of the samples to the standard curve.</p> |
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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://www.aaabiotech.com/rat-elisa-kits/chrm2/164774>