Acetylcholine Receptor (ACHRAB) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	Acetylcholine Receptor Antibody (ACHRAB), ELISA Kit
Full Product Name	Human Acetylcholine Receptor Antibody ELISA Kit
Product Gene Name	ACHRAB elisa kit
Species Reactivity	Human
Assay Type	Sandwich
Samples	Undiluted original Human body fluids, tissue homogenates, secretions or feces samples. This kit is NOT suitable for assaying non-biological sources of substances.
Detection Range	125 pmol/L - 4000 pmol/L.
Sensitivity	10pmol/L.
Specificity	No significant cross-reactivity or interference between this analyte and analogues is observed.
Preparation and Storage	Store all reagents at 2-8 degree C
Inter-assay Precision	Inter-assay CV (%) is less than 15%. [CV(%) = SD/mean ×100].
Intra-assay Precision	Intra-assay CV (%) is less than 15%.
Related Product Information for ACHRAB elisa kit	Background/Introduction: This Quantitative Sandwich ELISA kit is only for in vitro research use only! This kit is intended to be used for determination the level of ACHRAB (hereafter termed "analyte") in undiluted original Human body fluids, tissue homogenates, secretions or feces samples. This kit is NOT suitable for assaying non-biological sources of substances.
Other Notes	Small volumes of ACHRAB elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ACHRAB purchase	MBS008862 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Acetylcholine Receptor Antibody (ACHRAB) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing ACHRAB. The ELISA analytical biochemical technique of the MBS008862 kit is based on ACHRAB antibody-ACHRAB antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect ACHRAB antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, ACHRAB. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%). Human Acetylcholine Receptor Antibody ELISA Kit The acetyl choline receptor is a term used for the group of receptors that bind and responds to the neurotransmitter acetyl choline Acetylcholine (Ach) is found in the autonomic nervous system, peripheral nervous system and the central nervous system. It is the major neurotransmitter in the autonomic ganglia and somatic nervous system. Acetylcholine in the body lowers heart rate and causes skeletal muscle to contract. The 2 main kinds of acetylcholine receptors are the nicotinic and muscarinic receptors – collectively called cholinergic receptors. The nicotinic acetylcholine receptor (nAChR) are ionotropic receptors (ion channels) whereas the muscarinic acetylcholine receptors (mAChR) are metabotropic and tranduce a response via g-proteins. The concentration of acetyl choline receptors in a test sample e.g serum, tissue samples can be derived from a standard curve. The details of reagents e.g antibodies in this kit can be found in the product datasheet. This use of this ELISA kit is intended for research purposes.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ACHRAB. It may not necessarily be applicable to this product.

NCBI GI #	51034089
NCBI Accession #	AAT93395.1
NCBI Official Full Name	anti-human muscle acetylcholine receptor antibody heavy chain VDJ region, partial
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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