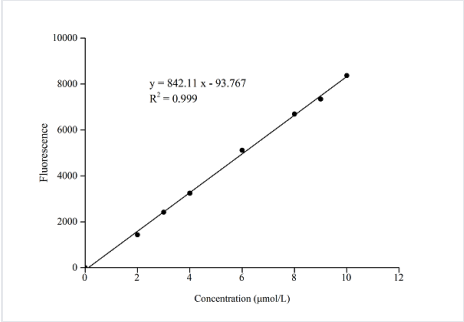
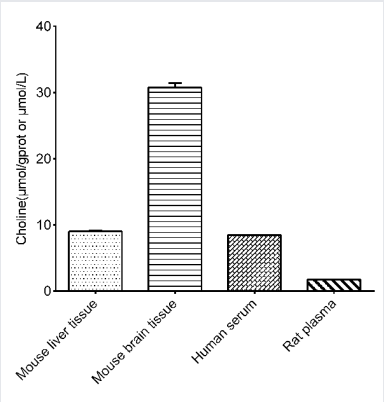
Choline/Acetylcholine Assay Kit

PRODUCT OVERVIEW

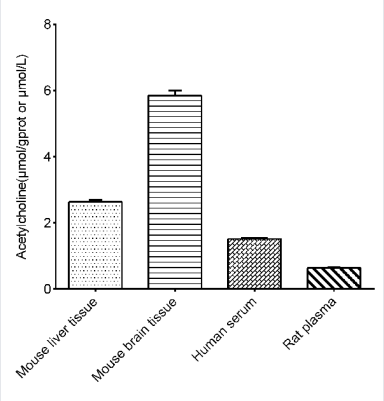
Product Name	Choline/Acetylcholine, Assay Kit
Full Product Name	Choline/Acetylcholine Fluorometric Assay Kit
Assay Type	Quantitative
Samples	serum, plasma and animal tissue
Detection Range	0.06-10 umol/L
Sensitivity	0.06 umol/L
Preparation and Storage	This product can be stored at -20 degree Cfor 12 months with shading light. Ship: Ice bag
Detection Method	Fluorescence method
Detection Instrument	Fluorescence Microplate reader
Assay Time	30 min
Research Area	Glycolysis and Lipid Metabolism
Test Principle	Choline and acetylcholine play important roles in many biological processes. Choline is an essential nutrient, often grouped with B complex vitamins, that plays a key role in many biological processes. Choline is a precursor to the synthesis of acetylcholine (AchE), an important neurotransmitter in the peripheral and central nervous systems.Choline is measured by enzyme coupling reaction to generate fluorescent products in this kit, and the content of fluorescent substances is proportional to the presence of choline. Acetylcholinesterase was added to the reaction to hydrolyze acetylcholine into choline and acetic acid, and the acetylcholine content was further calculated by measuring the total amount of choline and acetylcholine.
Precision	Inter Assay CV: 8.2-10% Intra Assay CV: 3.2-5%
Product Categories/Family for Choline/Acetylcholine assay kit	Metabolism Assay; Cell Metabolism Assays; Glycolysis and Lipid Metabolism
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Choline/Acetylcholine assay kit	MBS2572183 is an assay kit targeting Choline/Acetylcholine. Also known as Choline/Acetylcholine Fluorometric Assay Kit.
Other Notes	Small volumes of Choline/Acetylcholine assay 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.



Typical Testing Data/Standard Curve (for reference only) of Choline/Acetylcholine assay kit



Testing Data of Choline/Acetylcholine assay kit



Testing Data of Choline/Acetylcholine assay kit

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/assay-kits/choline-acetylcholine/2572183