

## ARG81359 Acetylcholine Assay Kit

Package: 96 assay  
Store at: 4°C, -20°C

### Component

Cat. No.	Component Name	Package
ARG81359-01	Acetylcholine Standard	1 x 50 µl
ARG81359-02	Acetylcholinesterase	1 x 10 U
ARG81359-03	Choline Oxidase	1 x 25 µl
ARG81359-04	10X Assay Buffer	2 x 25ml
ARG81359-05	HRP solution (100 U/ml)	1 x 100 µl
ARG81359-06	Colorimetric Probe	1 x 100 µl

### Summary

Product Description	ARG81359 Acetylcholine Assay Kit is a detection kit for the quantification of Acetylcholine in serum, plasma and tissues or cell lysates.
Tested Reactivity	Other
Tested Application	FuncSt
Target Name	Acetylcholine
Conjugation	Un-conjugated
Conjugation Note	Read at 540 nm.
Sensitivity	0.75 µM
Sample Type	Serum, plasma and tissues or cell lysates.
Standard Range	0.78 - 200 µM
Sample Volume	50 µl

### Application Instructions

Application Note	Please note that this kit does not include a microplate.
Assay Time	1 hour

### Properties

Form	Liquid
Storage instruction	Store components at 4°C or -20°C. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

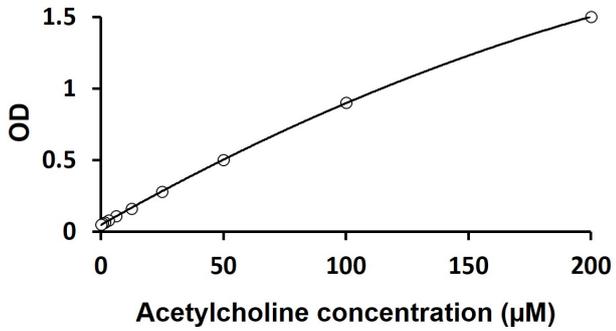
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### Background

Acetylcholine is an ester of acetic acid and choline, which acts as a neurotransmitter. It has a role as a vasodilator agent, a muscarinic agonist, a hormone, a human metabolite, a mouse metabolite and a neurotransmitter. It is an acetate ester and an acylcholine.

## Images

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ARG81359 Acetylcholine Assay Kit standard curve image

ARG81359 Acetylcholine Assay Kit results of a typical standard run with optical density reading at 540 nm.