

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

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

Properties

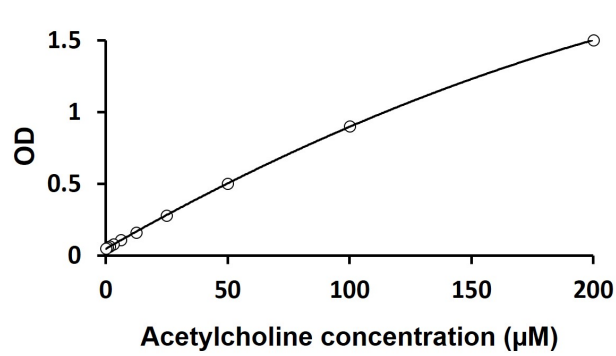
| | |
|---------------------|---|
| Form | Liquid |
| Storage instruction | Store components at 4°C or -20°C. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components. |
| Note | For laboratory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

Bioinformation

Background

Acetylcholine is actylcholine 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



ARG81359 Acetylcholine Assay Kit standard curve image

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