

## Acetylcholinesterase (AChE) Activity Assay Kit | AchE assay kit

Acetylcholinesterase (AChE) Activity Colorimetric Assay Kit

CATALOG #  
**AAA332521**

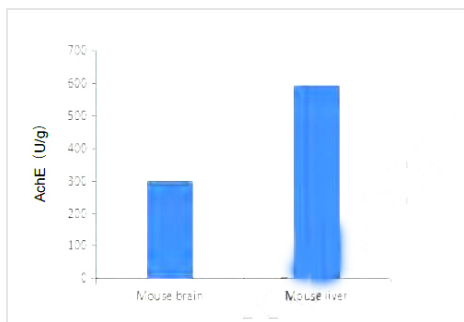
### PRODUCT SYNONYMS

Acetylcholinesterase (AChE) Activity; Acetylcholinesterase (AChE) Activity Colorimetric Assay Kit; Acetylcholinesterase Activity; AchE; AchE assay kit

### PRODUCT SPECIFICATIONS

|                                |                                                                                                                               |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Samples</b>                 | Fresh Serum, Fresh Plasma, Animal Tissues, Nerve Cells                                                                        |
| <b>Preparation and Storage</b> | Store at 4 degree C and protect from light upon receipt. Kit has a storage time of 12 months form receipt. Shipping  Blue ice |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for AchE assay kit</b> | Principle of the Assay: Acetylcholinesterase (AChE) belongs to serine hydrolase, which is widely present in various animal tissues and serum. AchE catalyzes the hydrolysis of acetylcholine (Ach) and plays an important role in the regulation of nerve conduction. CheKine™ MicroAcetylcholinesterase (AChE) Activity Assay Kit provides a convenient tool for detection of AchE Activity. The principle is that AchE catalyzes the hydrolysis of Ach to produce choline, and choline reacts with dithiopyra-nitrobenzoic acid (DTNB) to produce 5-mercapto- Nitrobenzoic acid (TNB), TNB has a maximum absorption peak detected at 412 nm. The enzyme activity of AchE was calculated by detecting the rate of increase in absorption at 412 nm. |
| <b>Product Categories/Family for AchE assay kit</b>   | Biochemical Assay Kit; Cell Metabolism; Cytology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

**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://stage.aaabiotech.com/assay-kits/acetylcholinesterase-ache-activity/332521>