

Acetylcholinesterase (AChE) Assay Kit

Catalogue No.: abx298834

Acetylcholinesterase Assay Kit is an assay kit designed for the detection and quantification of Acetylcholinesterase activity in serum, plasma and tissue homogenates using a microplate reader. AchE catalyzes the hydrolysis of acetylcholine to form choline, which reacts with dithio-p-nitrobenzoic acid (DTNB) to form 5-mercapto-nitrobenzoic acid (TNB). TNB has an absorption peak at 412 nm. The activity of AchE can be calculated by measuring the increasing rate of absorbance at 412nm.

Target: Acetylcholinesterase (AChE)

Reactivity: General

Storage: Shipped at 4 °C. Upon receipt, store the kit according to the storage instruction in the kit's manual.

Validity: The validity for this kit is 12 months.

Test Range: 1.225 U/ml - 490 U/ml

Sensitivity: 1.225 U/ml

Detection Method: Colorimetric

Assay Data: Quantitative

Sample Type: Serum, plasma and tissue homogenates.

CAS Number: 9000-81-1

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.