



Acetylcholinesterase (AChE) Activity Assay Kit

Cat No: HR3BC1232

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8°
Instrument	Microplate reader(optimum wavelength: 412 nm)
Assay Time	20 min
Validity	6
Assay Type	Enzyme Activity
Sample Type	Serum,plasma,animal tissue
Synonyms	AChE
Instrument	Microplate reader(optimum wavelength: 412 nm)
Detection Principle	AChE catalyzes the hydrolysis of acetylcholine to form choline, and choline react with dithio p-nitrobenzoic acid (DTNB) to form 5-mercapto-nitrobenzoic acid (TNB). TNB has an absorption peak at 412nm. And the activity of AChE is calculated by measuring the increasing rate of absorbance at 412nm.
Reagents	Normal saline (0.9% NaCl), PBS (0.01 M, pH 7.4)
Labware	Micropipettor, Incubator, Vortex mixer, Centrifuge
Size	96T
Sensitivity	1.225 U/mL
Detection Range	1.225-490 U/mL
Recovery Rate	104