

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	
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