



Acetylcholinesterase Activity Assay kit

AchE is a serine hydrolase, which is widely present in various animal tissues and serum. In the synaptic cleft, AchE maintains the normal transmission of nerve impulses by catalyzing the hydrolysis of the neurotransmitter acetylcholine (Ach), and plays an important role in biological nerve conduction.

AchE catalyzes Ach to produce choline, choline reacts with dithiop-nitrobenzoic acid (DTNB) to produce 5-mercapto-nitrobenzoic acid (TNB), TNB has an absorption peak at 412nm, and the production of TNB is measured. The amount of AchE activity can be calculated.

Catalog No.	250202
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	2-8°C/1 year
Shipping	Gel Packs