Choline Acetyltransferase (ChAT) Activity Assay Kit (Tissue Samples)

Cat No: HR3BC1259

For research use only

Overview

Detection Method	Colorimetric method
Storage	Reagent 2, Reagent 3, Reagent 6: -20?; Others: 2-8?
Instrument	Microplate reader(324 nm)
Assay Time	65 min
Validity	3
Assay Type	Enzyme Activity
Sample Type	Animal tissue
Synonyms	ChAT
Instrument	Microplate reader(324 nm)
Detection Principle	Acetyl-CoA can react with choline under the catalysis of choline acetyltransferase (ChAT) to produce coenzyme A (CoA), CoA can combine with the 4, 4-dithiopyridine. The activity of ChAT can be calculated indirectly by measuring the OD value at 324 nm.
Reagents	Normal saline (0.9% NaCl), PBS (0.01 M, pH 7.4)
Labware	Test tube, Centrifuge, 100? Water bath, Incubator.
Size	96T
Sensitivity	1.21 U/g fresh weigh
Detection Range	1.21-40 U/g fresh we
Recovery Rate	