

Angiotensin Converting Enzyme (ACE) Activity Assay Kit

Cat No: HR3BC1250

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8°
Instrument	Spectrophotometer(340nm)
Assay Time	10-90 min
Validity	6
Assay Type	Enzyme Activity
Sample Type	Serum, plasma, animal tissue
Synonyms	ACE
Instrument	Spectrophotometer(340nm)
Detection Principle	N-[3-(2-furyl)acryloyl]-L-phenylalanylglycylglycine (FAPGG) have the maximum absorption peak at 340 nm, angiotensin converting enzyme catalyze N-(3[2-Furyl]Acryloyl)-Phe-Gly-Gly to produce FAP and GG, and the absorbance at 340 nm will be decreased. The activity of ACE can be calculated indirectly by measuring the decrease in absorbance at 340 nm.
Reagents	PBS (0.01 M, pH 7.4)
Labware	Micropipettor, Vortex mixer, Incubator, Centrifuge
Size	100Assays
Sensitivity	27.5 U/L
Detection Range	27.5- 682 U/L
Recovery Rate	103