CREATIVE BIOMART®
Assay Kit

Akt kinase activity Kit

Product Information

Cat.No. Kit-0064

Product Overview

Safe-non-radioactive colorimetric measurement of kinase activityFlexible-kinetic and end-point options availableFast-results in< 4.5 hoursEfficient-only 30 μL diluted sample needed per well

Size

96 wells

Description

This is a non-radioactive Akt kinase activity assay, providing a safe, rapid and reliable method for the screening of inhibitors or activators of Akt and for quantitating the activity of Akt in purified or partially purified enzyme preparations. The Akt Kinase activity kit is based on a solid phase enzyme immunoassay (EIA) that utilizes a specific synthetic peptide as a substrate for Akt and a polyclonal antibody that recognizes the phosphorylated form of the substrate. The assay is designed for the analysis of Akt (1, 2, 3) activity in the solution phase.

Applications

Colorimetric detection. For the measurement of Akt in partially purified, purified, or crude enzyme preparations from any species.

Storage

Store all components at +4°C, except active kinase at -80°C.

Kit Components

Microtiter plate, Antibody, Conjugate, Antibody dilution buffer, Kinase assay dilution buffer, ATP, Active Kinase, Wash buffer concentrate, TMB Substrate, Stop solution 2

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