

PI 3-K Assay Kit

Product Information

Cat.No.

Kit-0690

Product Overview

A sensitive and robust homogeneous PI3-K assay that does not require radioactive materials or secondary (detector) enzymes or antibodies. The kit is ideally suited for automated screening (HTS) and can be read on any fluorimeter.

Size

1 kit/100 Tests

Usage

The Calbiochem PI 3-K Assay Kit is a homogeneous assay designed to measure PI 3-K activity using purified enzyme preparations.

Storage

Storage: +2°C to +8°C; Storage Conditions: Upon arrival store the entire contents of the kit at 4°C. Do not freeze: No.

Kit Components

Assay Buffer 3: 1 vial, 10 ml, supplied as 50 mM MgCl₂, 25 mM HEPES, 0.05% sodium azide, pH 7.0
Coordination Buffer: 1 vial, 600 µl, supplied as 1X, pH 9.5
Sensor Stock: 1 vial, 45 µl, supplied in DMSO/methanol (1:1)
Sensor Dilution Buffer: 1 vial, 10 ml, supplied as a MES/NaCl-based buffer, 0.05% sodium azide
Trivalent Metal Ion: 1 vial, 10 µl, supplied as 50 mM in 0.5 N HCl
Post Reaction Buffer: 1 vial (lot-specific volume), supplied as NaCl-based buffer, 0.05% NaN₃

Compatible Sample Types

Purified enzyme