



## PI3-Kinase Fluorometric Assay Kit

### Product Information

#### Cat.No.

Kit-0494

#### Product Overview

Simple procedure Fast and convenient

#### Size

400 assays

#### Description

The PhosphoSeek Technology for screening of kinase and phosphatase activities is a robust and homogeneous detection platform that measures the activity of a target enzyme. Assays are non-competitive with respect to substrate and do not require radioactive materials or secondary (detector) enzymes or antibodies. These biochemical assays are ideally suited for automated screening and can be read on any fluorometer. The Sensor is a proprietary fluorescent molecule that contains a trivalent metal ion, which binds to phosphorylated biological substrates. Phosphorylation is measured by the change of fluorescence of a dye-labeled and phosphorylated substrate when bound by the Sensor. The change in fluorescence directly correlates to the level of substrate conversion.

#### Applications

Measure enzyme activity from purified enzyme preparation, screen PI3-K Inhibitor Candidates using purified/recombinant enzymes

#### Target Species

Mammalian

#### Usage

For Research Use Only! Not For Use in Humans

#### Storage

MT



CREATIVE **BIOMART**<sup>®</sup>  
Assay Kit

## PI3-Kinase Fluorometric Assay Kit

### Kit Components

---

• Assay Buffer • Lipid Substrate • Calibrator • Post Reaction Buffer • Sensor Stock • Sensor Dilution Buffer • ATP • DTT • 384 well plate

---

**Detection method** Fluorescence (Ex/Em 540/580 nm)

---

### Compatible Sample Types

---

Purified/Isolated enzyme; PI3-K Inhibitor Candidates

---

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)

Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA