

Certificate of Analysis

PI Lipid Kinase Substrate, 10000 nmol



Part Number: PR9048U
Lot Number: 1754693A
Immediate Storage: -20°C
Shipping Conditions: dry ice

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Description:

Large unilamellar vesicles consisting of 2 mM PI (phosphatidylinositol) in 50 mM HEPES pH 7.5.

Concentration:

2 mM PI

Typical Usage:

In an Adapta® Assay the PI Lipid Kinase Substrate is typically used at 100 µM in the 10 µL kinase reaction. **For the Adapta® Universal Kinase Assay, the concentration of PI in the large unilamellar vesicles (i.e. 2 mM) is used in the calculations for preparing dilutions of the lipid substrate.** For more information go to www.invitrogen.com/adapta.

Storage and Handling:

Store at -20°C. **Allow to come to room temperature. Mix by inversion before each use. DO NOT prepare with cold buffers.** If properly stored at -20°C if stored in the original vial, this product is guaranteed for 6 months from date of purchase. **Do not aliquot into plastic.**

Storage Buffer:

50 mM HEPES pH 7.5

Instrument Settings:

PI Lipid Kinase Substrate, used in an Adapta® Assay, requires a fluorescence plate reader capable of reading TR-FRET and filters in the red range. For instrument specific set-up information go to www.invitrogen.com/instrumentsetup.

QUALITY ASSURANCE

Functional Testing:

PI Lipid Kinase Substrate is functionally tested in an Adapta® Assay with an appropriate lipid kinase.

Nichole Reaksecker

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For questions, please contact our Technical Support Team

N. Am Ph#: 800-955-6288 or INTL Ph#: 760-603-7200 Select option 5, ext. 40266 Email: drugdiscoverytech@lifetech.com