

ARG83365 Phosphatidic Acid Assay kit

Package: 100 assay
Store at: -80°C

Summary

Product Description	ARG83365 Phosphatidic Acid Assay kit is an assay kit for total phosphatidic acid in cell lysate
Tested Reactivity	All
Tested Application	FuncSt
Specificity	ARG83365 Phosphatidic Acid Assay kit can detect all Phosphatidic Acid.
Target Name	Phosphatidic Acid
Conjugation	Un-conjugated
Conjugation Note	Read at 530-560 nm.
Sample Type	Cell lysate
Standard Range	3.9 - 250 μ M

Application Instructions

Assay Time	~1.5 hours
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Properties

Form	Liquid
Storage instruction	Store components at -80°C. Do not expose test reagents to heat, sun or strong light during storage and usage. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Function	Phosphatidic Acid (PA) is a phospholipid that serves three main roles in the cell: it is a precursor for lipid biosynthesis, provides membrane structure, and acts as a signaling lipid by recruiting cytosolic proteins to the cell membrane. PA concentrations are maintained at low levels in the cell by phospholipid phosphatases, which convert PA to diacylglycerol (DAG). Measurement of cellular PA levels is useful for monitoring lipid synthesis and metabolism.
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