

Kinase Assay Buffer (5x, in ddH₂O)

1 Contents

Component	HY-K0016-1mL	HY-K0016-10mL	HY-K0016-50mL
Kinase Assay Buffer (5x, in ddH ₂ O)	1 mL	1 mL × 10	1 mL × 50

2 Introduction

MCE Kinase Assay Buffer (5x, in ddH₂O) can be used for assaying kinase protein. This assay buffer is primarily used for Biochemicals applications. This assay buffer is supplied as a ready-to-use solution in ddH₂O. The individual components have specific inhibitory properties. MOPS are commonly used in biology as buffers that maintain the pH of mammalian cell culture media. β-glycerophosphate disodium salt pentahydrate inhibits phosphatase. EGTA is a special calcium chelator. DL-dithiothreitol (DTT) is a strong reducing agent.

Ingredient	5× Conc.	M.W.
MOPS	20 mM	209.26
β-glycerol phosphate	25 mM	306.11
EGTA	5 mM	380.35
dithiothreitol	1 mM	154.25

3 General Protocol

Thaw at room temperature, add at 1:5 (v/v) dilutions to 1 solution samples and mix thoroughly. It is recommended to prepare solutions of this product fresh when needed.

4 Storage

-20°C, 24 months.
Protect from light.

5 Precautions

1. This product is for R&D use only, not for drug, household, or other uses.
2. For your safety and health, please wear a lab coat and disposable gloves to operate.