

Oxygen Consumption/Glycolysis Dual Assay Kit

Cat. No. Kit-1992 Lot. No. (See product label)

SPECIFICATION

Product Overview

Size 1 ea

Description

The Oxygen Consumption/Glycolysis Dual Assay Kit is a multi-parameter approach to measure cellular oxygen consumption and glycolysis in living cells. This assay utilizes, a phosphorescent oxygen probe, to measure oxygen consumption rate, and also quantifies extracellular lactate as a readout for glycolysis. Antimycin A, an inhibitor of the mitochondrial electron transport chain, is included as a control. The kit can be used for efficient screening of compounds that modulate mitochondrial and glycolytic function in cultured cells.

Storage

-20°C

Kit Components

MitoXpress - Xtra: 1 vial; 4°C HS Mineral Oil Assay Reagent: 1 vial/15 ml; Room Temperature in the dark Cell-Based Assay Antimycin A: 1 vial/200 µl; -20°C Glycolysis Assay Substrate: 1 vial/250 µl; -20°C Glycolysis Assay Enzyme Mixture: 1 vial/lyophilized; -20°C Glycolysis Assay L-Lactate Standard: 2 vials/lyophilized; -20°C Glycolysis Assay Cofactor: 1 vial/250 µl; -20°C Cell-Based Assay Buffer Tablet: 1 tablet; Room Temperature

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