



ADP Assay Kit

Product Information

Cat.No.

Kit-0055

Product Overview

ADP Assay Kit is a rapid bioluminescent determination of ADP.

Applications

ADP determination in cells and other biological samples.

Usage

For research use only (RUO)

Storage

Store all reagents at -20°C. Shelf life: 6 months after receipt.

Kit Components

Assay Buffer 10 mL Substrate 120 µL Cosubstrate 120 µL ATP Enzyme 120 µL ADP Enzyme 120 µL Standard: 3 mM ADP 100 µL

Detection method Colorimetric, Fluorometric

Compatible Sample Types

Biological Sample, Cell

Features & Benefits

Safe: Non-radioactive assay. Sensitive and accurate: As low as 0.02 µM ADP can be quantified. Homogeneous and convenient: "Mix-incubate-measure" type assay. No wash and reagent transfer steps are involved. Robust and amenable to HTS: Z' factors of 0.5 and above are routinely observed in 96-well and 384-well plates. Can be readily automated on HTS liquid handling systems for processing thousands of samples per day.