

ADP Assay Kit

Cat. No. Kit-0055 **Lot. No.** (See product label)

SPECIFICATION

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 Co-substrate 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.

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