

## ADP Assay Kit

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

### SPECIFICATION

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| <b>Product Overview</b>        | ADP Assay Kit is a rapid bioluminescent determination of ADP.                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Applications</b>            | ADP determination in cells and other biological samples.                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Usage</b>                   | For research use only (RUO)                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Storage</b>                 | Store all reagents at -20°C. Shelf life: 6 months after receipt.                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Kit Components</b>          | 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                                                                                                                                                                                                                                                                                                                                   |
| <b>Detection method</b>        | Colorimetric, Fluorometric                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Compatible Sample Types</b> | Biological Sample, Cell                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Features &amp; Benefits</b> | <p>Safe: Non-radioactive assay. Sensitive and accurate: As low as 0.02 <math>\mu</math>M 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.</p> |

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