

PRODUCT DATA SHEET

Fluoro ATP™

Cellular / Tissue Fluorescent ATP Detection Kit

Description

The Fluoro ATP detection kit utilizes a non-fluorescent detection reagent, which is reduced in the presence of ATP and a coupled enzyme reaction to produce its fluorescent analog. There is a linear relationship of ATP concentration to the fluorescent analog concentration. An ATP standard curve is generated to interpolate sample ATP concentrations. The kit can be used in both endpoint and kinetic modes.

Product Specifications

Kit Components:

- Part #: 6032. Enzyme Mix 25X:** 1 frozen vial 220 µL. Upon arrival store at -20 °C. Aliquot and store at -20 °C.
- Part# 3065: Substrate Buffer.** 1 bottle 25mL. Upon arrival store at -20 °C. Ready to use.
- Part# 4028: Detection Reagent 100X:** 1 dried vial. Upon arrival store -20 °C
To reconstitute add 60 µL of anhydrous DMSO. Aliquot and store at -20 °C
- Part# 7027: ATP Standard 2.5mM:** 1vial. Upon arrival store -20 °C
After first use aliquot and store at -20 °C
- Part# 7026: NEM:** 1 vial dried. Reconstitute in 0.5mL of ETOH. Upon arrival and reconstitution store -20°C. Dilute as needed

Application: Fluorescence plate reader

Shipping: SHIPPED ON BLUE ICE

Long Term Storage: Store contents as labeled

Upon Arrival: -20 °C

Catalog Number/Sizes

Catalog #	Size (tests)
FLATP100-2	100
FLATP100-3	500

Rev.: 05/2018

FOR RESEARCH USE ONLY.