ApoSENSOR™ Cell viability assay kit

A simple no-wash, chemiluminescent cell viability assay

The assay utilizes bioluminescent detection of the ATP level for a rapid screening of apoptosis and cell proliferation simultaneously in mammalian cells. The assay utilizes the enzyme luciferase to catalyze the formation of light from ATP and luciferin. The light can be measured using a luminometer or Beta Counter. The assay can be fully automatic for high throughput (10 seconds/sample) and is highly sensitive (detects 10-100 mammalian cells/well).

Ordering Information

Order Online »

ALX-850-247-KI01	200 tests

Manuals, SDS & CofA

View Online »

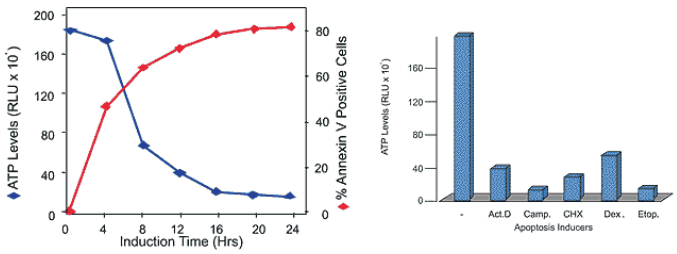

Figure: ApoSENSOR™ Cell Viability Assay effectively detects apoptosis. Apoptosis was induced in Jurkat cells and ATP levels were analyzed according to the kit instructions. **Left**: Time course showing decrease in ATP levels following induction of apoptosis with camptothecin. The decrease in ATP level correlates with the increase in annexin V positive staining cells detected by Annexin V-FITC Apoptosis Detection Kit according to the kit instructions. **Right**: Jurkat cells were treated with various apoptosis inducers as indicated for 12 hours and ATP levels decrease dramatically for all treatments.

Handling & Storage

Handling	Protect from light.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	Chemiluminescence
Contents	Nucleotide Releasing Buffer, ATP Monitoring Enzyme, Enzyme Reconstitution Buffer, ATP.
Technical Info / Product Notes	**Application Note:** *Automated Monitoring of Protein Expression and Metastatic Cell Migration Using Magnetic 3D Bioprinted Colorectal Cancer Cells*

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com