

## Akt Positive Cell Lysate

<b>CATALOG #:</b>	7036-1
<b>AMOUNT:</b>	1 mg
<b>LOT #:</b>	_____
<b>STORAGE CONDITIONS:</b>	Store at -70°C
<b>SHELF LIFE:</b>	6 months under proper storage conditions
<b>CONCENTRATION:</b>	4 mg/ml

### DESCRIPTION:

Jurkat cells (growing in DMEM supplemented with 10% serum) were washed, serum starved (0% Serum) for 3 hours. 20% serum were then added to the culture for 30 minutes to stimulate the cells. The serum-activated cells were washed with ice-cold PBS, then lysed in three volume of Kinase Extraction Buffer (70002-N80M in K435-40), keep on ice for 5 min, vortex, centrifuge at top speed for 15 min, collect the cell lysate. Extract the pellet one more time with one volume extraction buffer. Combine the cell lysate together. Determine protein concentration. The cell lysate contains activated Akt, which can be used as a positive control in Akt activity assay, in conjunction with the use of BioVision's Akt Activity Assay Kit (K435-40). We recommend using 100 µg per assay.

**For Research Use Only! Not to be used in human.**

### RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

#### Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

#### Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

#### Cell Damage & Repair

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- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

#### Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

#### Adipocyte & Lipid Transfer

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- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

#### Molecular Biology & Reporter Assays

- siRNA Vectors
- Mitochondrial & Genomic DNA Isolation Kits
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

#### Growth Factors and Cytokines