



## ApoBrdU DNA Fragmentation Assay Kit

### Product Information

**Cat**

Kit-2240

**Cat.No.**

Kit-2240

### Product Overview

Internucleosomal DNA fragmentation is a hallmark of apoptosis in mammalian cells. Apo-BrdU In Situ DNA Fragmentation Assay Kit provides complete components including positive and negative control cells for conveniently detecting DNA fragmentation by fluorescence microscopy or flow cytometry. The kit utilizes Br-dUTP (bromolated deoxyuridine triphosphate nucleotides) which is more readily incorporated into DNA strand breaks than other larger ligands (e.g., fluorescein, biotin or digoxigenin). The greater incorporation gives rise to brighter signal when the Br-dUTP sites are identified by a fluorescein labeled anti-BrdU monoclonal antibody.

### Applications

The TUNEL-based assay kit provides complete components including positive and negative control cells for convenient detection of DNA fragmentation in cultured cells and tissue sections.

### Storage

-20°C

### Shipping

Gel Pack

### Size

60 assays

### Kit Components

Positive Control Cells; Negative Control Cells; Wash Buffer; Reaction Buffer; TdT Enzymes; Br-dUTP; Rinse Buffer; Anti-BrdU-FITC Antibody; PI/RNase Staining Buffer



## ApoBrdU DNA Fragmentation Assay Kit

### Target Species

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Mammalian

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**Detection method** Flow cytometry (Ex/Em = 488/520 nm for FITC, and 488/623 nm for PI) and fluorescence microscopy (FITC and rhodamine filters)

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### Features & Benefits

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Simple procedure; takes ~ 3 hours;

Fast and convenient;

The assay is sensitive and stable;

The TUNEL-based assay kit provides complete components including positive and negative control cells for convenient detection of DNA fragmentation in cultured cells and tissue sections.

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