CREATIVE BIOMART®
Assay Kit

ApoBrdU-IHC DNA Fragmentation Assay Kit

Product Information

Cat

Kit-2199

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Product Overview

Internucleosomal DNA fragmentation is a hallmark of apoptosis in mammalian cells. Apo-BrdU-IHC; Kit is a two-color TUNEL (Terminal deoxynucleotide transferase dUTP Nick End Labeling) assay for labeling DNA breaks to detect apoptotic cells by immunohistochemistry. The kit contains positive/negative control slides for assessing reagent performance; reaction and blocking buffers for processing individual steps in the assay; proteinase K; terminal deoxynucleotidyl tranferase enzyme (TdT), bromodeoxyuridine triphosphate (Br-dUTP), biotin labeled antiBrdU antibody for labeling DNA breaks, horseradish peroxidase streptavidin conjugate, DAB, H2O2/Urea tablets for color generation and methyl green solution for counter staining the cells.

Applications

The TUNEL-based immunohistochemical staining kit provides complete reagents including positive and negative control slides for convenient detection of DNA fragmentation.

Storage

-20°C

Shipping

Gel Pack

Size

50 assays

Kit Components

Control Slides-pos/neg; Blocking Buffer; H2O2/Urea Tablets; Protease K; DAB Tablets; TdT Enzymes; Br-dUTP; 200X Conjugate; 5X Reaction Buffer; Anti-BrdU-Biotin Antibody; Methyl Green

Target Species

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Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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Assay Kit

ApoBrdU-IHC DNA Fragmentation Assay Kit

Mammalian

Features & Benefits

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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