

proTUNEL-IHC DNA Fragmentation Assay Kit

Cat. No. GTX85583

Applications

IHC

References (1)

Package

50 assay

PRODUCT

Internucleosomal DNA fragmentation is a hallmark of apoptosis in mammalian cells. GeneTex's proTUNEL-IHCTM 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 transferase 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.

- Sample type- Tissue sections and fixed cell preparations
- Species reactivity- Mammalian
- Kit size- 50 assays
- Applications- The TUNEL-based immunohistochemical staining kit provides complete reagents including positive and negative control slides for convenient detection of DNA fragmentation

Features and Benefits

- Simple procedure; convenient
- The assay is sensitive and stable
- The assay offers an one-step labeling of apoptotic cells.

Summary

Kit Contents:

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 mAb
Methyl Green

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution

Recommended dilution

IHC

Assay dependent

Not tested in other applications.

Properties

Storage

Store at -20°C. Product has an expected shelf life of 12 months.



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Note

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DATA IMAGES



GTX85583 Image



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