Easy Apoptotic DNA Ladder Detection Kit

Cat. No. GTX85527

Package
50 assay

PRODUCT

Summary

Internucleosomal DNA fragmentation is a hallmark of apoptosis in mammalian cells. GeneTex's Quick Apoptotic DNA Ladder Detection Kit provides an easy and sensitive means for detecting DNA fragmentation in apoptotic cells. Unlike other commercially available kits that require 1-2 days to perform the procedure, the new detection method requires less than 90 minutes to prepare DNA, with neither extraction nor using columns.

· Detection method- Agarose gel with Ethidium bromide
· Sample type- Cells
· Species reactivity- Mammalian mammalian cell types
· Kit size- 50 assays
· Applications- Efficiently detects fragmented DNA from apoptotic cells

Features and Benefits
· Simple one-step procedure; takes only 90 minutes
· Fast and convenient
· DNA fragmentation can be easily visualized by agarose gel electrophoreses. The new procedure increases recovery of small fragmented DNA, and therefore improves the sensitivity of the assay.

Kit Contents:
TE Lysis Buffer
Enzyme A Solution
Enzyme B (Lyophilized)
Ammonium Acetate Solution
DNA Suspension Buffer

Properties

Storage

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

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

GTX85527 Image

For full product information, images and publications, please visit our website.

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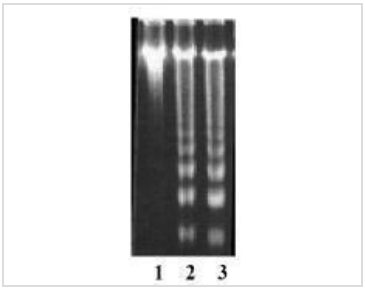

GTX85527 Image

Quick Detection of Apoptotic DNA Ladder in Jurkat Cells. Apoptosis was induced in Jurkat cells with camptothecin (2 µM) for 0 hr (Lane 1), 6 hrs (Lane 2) and 12 hrs (Lane 3). Chromosomal DNA was prepared using the Easy Apoptotic DNA Ladder Detection Kit according to the kit instructions. 20 µl of each sample was electrophoresed on a 1.2% agarose/EtBr gel.

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