CREATIVE BIOMART®
Assay Kit

Nuclear/Cytosol Fractionation Kit

Product Information

Cat

Kit-2344

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Product Overview

This Nuclear/Cytosol Extraction Kit provides a complete system that enables the separation of nuclear extract from the cytoplasmic fraction of mammalian cells. The optimized reagents and procedures provided with the kit allow separation of nuclear and cytoplasmic fractions quickly with little or no cross-contaminations. The extracted nuclear and cytoplasmic protein fractions are functional and compatible with downstream assays such as transcriptional activity, RNA splicing, gel shift assay, reporter assays, enzyme activity assays, and Western blotting.

Applications

This Nuclear/Cytosol Extraction Kit provides a complete system that enables the separation of nuclear extract from the cytoplasmic fraction of mammalian cells and tissues The new kit provides a system that maintains the nuclear and cytoplasmic compartments separate and intact. Transcriptional activity/reporter assays/enzyme activity assays/Western blotting and more downstream assays.

Storage

-20°C

Shipping

Gel Pack

Kit Components

Cytosol Extraction Buffer A (CEB-A); Cytosol Extraction Buffer B (CEB-B); Nuclear Extraction Buffer (NEB); DTT (1 M); Protease Inhibitor Cocktail (lyophilized)

Target Species

Mammalian

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Features & Benefits

Simple procedure; takes less than 2-3 hours;
Fast and convenient;
The optimized reagents and procedures provided with the kit allow separation of nuclear and cytoplasmic extracts from cells relatively quick with little or no cross-contaminations

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