CREATIVE BIOMART®
Assay Kit

Mitochondria/Cytosol Fractionation Kit

Product Information

Cat.No. Kit-0557

Product Overview

Mitochondria/Cytosol Fractionation Kit is used for isolation of a highly enriched mitochondrial fraction from cytosolic fraction of mammalian cells including both apoptotic and non-apoptotic cells.

Description

The Mitochondria/Cytosol Fractionation Kit provides unique formulations of reagents for effective isolation of a highly enriched mitochondrial fraction from cytosolic fraction of mammalian cells including both apoptotic and nonapoptotic cells. The enriched mitochondrial and cytosolic fractions can be used for studying apoptotic and signal transduction pathways to detect translocation of factors interested between the two fractions by Western blotting, ELISA, or other assays. Procedures are simple and easy to perform, no ultracentrifugations and toxic chemicals are involved.

Target Species

Mammals

Usage

For research use only (RUO)

Storage

After opening the kit, store buffers at 4°C. Store Protease Inhibitor Cocktail and DTT at -20°C.

Kit Components

Mitochondria Extraction Buffer: 10 ml5X Cytosol Extraction Buffer: 20 mlDTT (1 M): 110 µlProtease Inhibitor Cocktail* 1 vial*Add 250µl of DMSO, and mix well before use

Compatible Sample Types

Cell, Tissue

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