CREATIVE BIOMART®
Assay Kit

Cell Fractionation Kit

Product Information

Cat.No. Kit-0197

Product Overview

Cell Fractionation Kit is used for reproducible extraction of four subcellular protein fractions (cytosol, nucleus, membrane/particulate, and cytoskeletal fractions) from a single mammalian sample.

Description

This Cell Fractionation Kit is designed to provide reproducible extraction of four subcellular protein fractions (Cytosol, nucleus, membrane/particulate, and cytoskeletal fractions) from a single mammalian sample. The method is fast and simple, needing only 2 hours and no ultracentrifugation involved. All four protein fractions obtained are suitable for many downstream applications such as 1-D or 2-D gel, enzyme activity assays, gel shift assay, and Western blotting.

Target Species

Mammals

Usage

For research use only (RUO)

Storage

Store the kit at -20°C.

Kit Components

Cytosol Extraction Buffer (CEB). Color code: WM. 20 mlMembrane Extraction Buffer-A (MEB-A). Color code: WM. 20 mlMembrane Extraction Buffer-B (MEB-B). Color code: green. 1.2 mlNuclear Extraction Buffer (NEB). Color code: NM. 10 mlDTT (1 M). Color code: blue. 150 µlProtease Inhibitor Cocktail. Add 150 µl of DMSO, and mix well before use. Color code: red. 1 vial

Compatible Sample Types

Cell Culture, Tissue

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