

## **Nuclear and Cytoplasmic Protein Extraction Kit**

Catalogue No.: abx090629

1. Nuclear and Cytoplasmic Protein Extraction Kit is designed to quickly prepare highly enriched fractions of cytoplasmic and nuclear proteins from eukaryotic samples, such as cultured cells and fresh tissues. 2. This kit provides a simple and convenient method for extracting nuclear and cytoplasmic protein. The user can complete the separation of nuclear and cytoplasmic protein within about 90 min. Extracted proteins can be directly apply for downstream reactions, such as Western, EMSA, foot printing, reporter gene detection, and measurement of enzyme activity. 3. Through Cytoplasmic Protein Extraction Reagent A and B, this kit breaks cell membrane and releases proteins for cell burst under hypotonic condition, then centrifuge for collection of the nucleoli. At last, extract the nuclear proteins by hyperhaline Nuclear Protein Extraction Reagent. 4. The kit can be used for 100 samples (60 mg / sample, or 2 × 10<sup>6</sup> Hela cells). User can adjust the volume of reagent according to different sample volumes.

**Tested Applications:**

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**Note:**

This product is for research use only.