

Product Data Sheet

Product Name: Nuclear and Cytoplasmic Protein Extraction Kit (Nuclear and Cytoplasmic Protein Extraction Kit)
Cat. No.: GK10028

Components

Components 50 tests

- Component A 15ml
- Component B 0.5ml
- Component C 2.5ml
- PMSF(100mM) 0.2ml

Features

Applications	Western Blot, EMSA, etc.
Shipping	At room temperature.
Storage	-20°C
Usage	For Research Use Only! Not For Use in Humans.

Protocol

1. Cell Lysis
Add 15ml Component A to the cell culture medium. Add 0.5ml PMSF to Component A. Add 2.5ml Component C to Component A. Add 0.2ml PMSF to Component A. Add 1mM PMSF to Component C. Add 1mM PMSF to Component C.
2. Lysis Buffer
Add PBS to the cell culture medium. Add EDTA to the cell culture medium.
3. Lysis Buffer
Add PBS to the cell culture medium.
4. Add 20µL of Component A to 200µL of PMSF (2*10⁶ HeLa cells, 20µL 40mg)
5. Incubate 5-10 minutes
6. Incubate 10-15 minutes
7. Add Component B 10µL to 5µL of Component C

Caution: Product has not been fully validated for medical applications. For research use only.
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8. 5000 4°C 12,000g 5000
9. EP -70°C (2*10⁶ 200µL A 2-5mg/ml)
10. 50µL PMSF C (2-5mg/ml)
11. 15-30 1-2 15-30 30
12. 12,000g 4°C 10
13. EP -70°C 2*10⁶ 50µL C 1.2-3.0mg/ml
14.
 - a. 20:1 A B (200µL A 10µL B) PMSF 1mM 60mg 200µL (30mg 100µL) 4°C
 - b. EP 15
 - c. 4°C 1,500g 5 EP (15)
 - d. 4 4 13 30-60mg 4-13 30mg 4-13 14c 3-10mg/ml 3-10mg/ml
15.
 - a. PMSF 2-3 PMSF
 - b. 4°C
 - c.
 - d. BCA Bradford

Background

Nuclear and Cytoplasmic Protein Extraction Kit 90 Western blot EMSA footprinting

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Product Name: A B C
Molecular Weight: 2×10^6
Concentration: 50 mg/ml
Storage: 30mg, 50mg, 30-60mg, 37°C

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