

Yeast Mitochondria Isolation Kit

Cat. No. KITZ-052 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Mitochondria are essential organelles in eukaryotic cells responsible for energy production. Energy substances in the cell, such as fats, sugars, and certain amino acids, undergo final oxidation in the mitochondria and generate ATP through coupled phosphorylation, supplying the energy needed for cellular physiological activities. Studies on mitochondrial structure and function are typically conducted on isolated mitochondria. The Yeast Mitochondria Isolation Kit provides a complete set of reagents suitable for extracting mitochondria from various yeast samples. The extraction process is simple and convenient. This kit cannot be used for mitochondria extraction from frozen samples.

Size

50T

Storage

Store at 2-8°C.
If the yeast wash solution is not used for an extended period, store it at -20°C.
Please use the reagents promptly after opening.

Shipping

Ice pack

Kit Components

Yeast Mitochondria Extraction Solution A: 20mL;
Yeast Mitochondria Extraction Solution B: 25mL;
Yeast Mitochondria Extraction Solution C: 20mL;
Yeast wash solution D: 50mL;

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Mitochondria Preservation Solution E: 20mL;

**Materials Required
but Not Supplied**

1. Centrifuge
2. Shaker
3. Vortex Mixer
4. Pipette
5. Refrigerator
6. Ice Box
7. PBS Buffer
8. Centrifuge Tube
9. Pipette Tip
10. Disposable Gloves

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