

Human Umbilical Cord Blood MSCs Exosome-Depleted Culture Medium

Catalog No.: CME0003

Product Information

This optimized Human Umbilical Cord Blood MSCs Exosome-Depleted Culture Medium is specifically designed for stem cell culture to obtain exosomes. Through ultracentrifugation and multiple filtration processes, exosomes have been effectively removed for the serum components in the Human Umbilical Cord Blood MSCs complete culture medium, while preserving the essential nutrients with the serum. Using this product can yield a rich amount of high-purity exosomes.

Basic Information

| Components | Size1(200mL) | Size2(500mL) | Storage | Validity |
|--|--------------|--------------|--------------------------------|-----------|
| Human Umbilical Cord Blood MSCs Basal Medium | 176mL | 440mL | 2~8°C, protected from light | 12 months |
| Exosome-Free FBS | 20mL | 50mL | -20°C | 24 months |
| P/S Solution | 2mL | 5mL | -20°C | 12 months |
| Glutamine | 2mL | 5mL | -20°C | 12 months |

NOTE: The product is shipped with ice packs for refrigerated transport. All reagents are sterilely packaged and can be used directly after preparation.

Preparation Method:

- Thaw Exosome-Free Fetal Bovine Serum (FBS) at 2–8°C.
- Thaw P/S Solution (double antibiotics) and Glutamine at room temperature.
- Add the FBS, P/S Solution and Glutamine to the basal medium and mix well to obtain the complete medium, which is ready for use.
- Storage Conditions after Preparation: 2–8°C, protected from light.
- Shelf Life after Preparation: 3 months.

Quality Control Standards

pH: 7.2–7.4

Endotoxin Content: <10 EU/mL

Biosecurity: Negative for bacteria, fungi, and mycoplasma

Quality Testing: Passed cell growth test

Precautions

1. When using this product, aseptic techniques should be strictly followed to avoid contamination.
2. To maintain the optimal performance of this product, avoid prolonged exposure to room temperature or higher temperature environments.
3. Please use the product within its shelf life. Do not use it after the expiration date.
4. This product is for research use only and should not be used for clinical diagnosis or treatment.