

Product Name

Name: Trans α -MEM Reduced Serum Medium

Cat. No.: C3310-0500

Size: 500 mL

Product Description

Trans α -MEM is a medium modified from an improved Minimal Essential Medium (MEM) that can reduce the use of fetal bovine serum by 60%, without any changes in cell proliferation rate and morphology.

It may be used in combination with cationic liposome transfection reagents (such as Lipofectamine reagents) for cell transfection experiments with high efficiency.

Applications

Suitable for cultivating various suspended or adherent mammalian cells and conducting cell transfection experiments.

Storage and Stability

The product should be kept at **2 - 8°C**.

The product is **light-sensitive** and therefore should not be left in the light.

Shelf life: 12 months from date of manufacture

Notes:

1. There is no need to adapt to new medium when cells are transferred from their original culture medium to cell transfection culture medium.
2. Long-term use of Trans α -MEM reduced-serum cell transfection medium does not affect cell growth rate and cell viability.
3. The culture medium uses a sodium bicarbonate buffer system (2.2 g/L), so a 5% - 10% CO₂ environment is required to maintain physiological pH values.

Quality Control

Trans α -MEM Reduced Serum Medium is tested for sterility, pH, osmolality, and endotoxin concentration. In addition, each batch is tested for cell growth performance.

Manufacturer

Shanghai Dr. Cell Co., Ltd.

Issue Date

May 2023

Precaution and Disclaimer

For research use only, not for clinical diagnosis, and treatment.

