

**Product Name**

Name: Transf $\alpha$ -MEM Reduced Serum Medium

Cat. No.: C3310-0500

Size: 500 mL

**Product Description**

Transf $\alpha$ -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 Transf $\alpha$ -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% CO<sub>2</sub> environment is required to maintain physiological pH values.

**Quality Control**

Transf $\alpha$ -MEM Reduced Serum Medium is tested for sterility, pH, osmolality, and endotoxin concentration. In addition, each batch is tested for cell growth performance.

**Precaution and Disclaimer**

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