

Product Name

Name: Expander Complete Single-Cell Culture Medium

Cat. No.: C3670-0500

Size: 500 mL

Product Description

Expander Complete Single-Cell Culture Medium is an improved complete culture medium that promotes the proliferation of hybridoma cells (single cells), containing growth promoting components such as serum and a basic culture medium.

Application

Suitable for expanding and cultivating hybridoma cells from single cells.

Procedure

After removing the culture medium from the freezer, place it at 2 - 8°C to melt. During thawing, gently shake it intermittently until it is completely melted. The completely melted culture medium can be stored in a 2 - 8°C refrigerator and should be used within 1 - 2 weeks.

Predominant Characteristics

Simply use an appropriate volume of Expander medium to culture either single hybridoma cells in 96-well plates or a low density of culture in culture flasks, dishes, or reactors.

Quality Control

Expander Complete Single-Cell Culture Medium is tested for sterility, pH, osmolality, and endotoxin concentration. In addition, each batch is tested for cell growth performance.

Note

1. Do not directly thaw the culture medium from -20°C to 37°C, as this can cause serum protein aggregation and precipitation due to significant temperature changes.
2. Please store the completely melted culture medium in a 2 - 8°C refrigerator and use within 1 - 2 weeks. If the complete culture medium is left at room temperature or in a refrigerator for too long, some components in the serum is unstable, affecting the cell growth efficiency and also producing precipitation.
3. After complete melting of the culture medium, it should be gently shaken and mixed evenly. If there is any sediment, it should be removed by centrifugation. It is recommended to centrifuge with 400 x g for 5 minutes and take out the supernatant.

Storage and Stability

The product should be kept at **-20°C**.

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

Shelf life: 12 months from date of manufacture

Precaution and Disclaimer

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