



# **MEM Complete Medium (20)**

Cat. No.: PM150411C

Size: 125mL×4

### **General Information**

**Product Form** Liquid Concentration Ready-to-use

Components MEM[PM150411]+Nutrients+2 mM L-Alanyl-L-Glutamine[PB180419]

**Bacterial detection** Negative Fungal detection Negative Mycoplasmal detection Negative **Endotoxin level** < 3 EU/mL Shipping Ice bag

2-8°C, Shading Light Storage

**Expiry date** 3 months

#### **Product Introduction**

icella® MEM medium (Minimum Essential Medium) was developed on the basis of Eagle basic medium. It is one of the most basic and widely used culture medium, and one of the most commonly used culture medium in animal cell culture. MEM medium contains 12 kinds of essential amino acids, glutamine and 8 vitamins, which is simple, mainly used in the culture of adherent cells.

MEM, with NEAA medium is added L-alanine, L-glutamic acid, L-asparagine, L-aspartic acid, L-proline, L-serine and glycine on the basis of MEM medium. These 7 kinds of NEAA, can reduce the side effects of producing nonessential amino acids during cell culture and promote cell proliferation and metabolism.

### **Guidelines for use**

- 1. Pricella's cell culture media undergoes strictquality control to ensure sterility, but may get contaminated during use. Follow these guidelines for sterile handling toavoid contamination.
- 2. Always wipe your gloved hands and work area with 70% ethanol.
- 3. Wipe the outside of the containers, flasks, plates, and dishes with 70% ethanol before placing them in the cell culture hood.
- 4. Use sterile pipette tips and pipettes to work with liquids, and use each pipette tip only once to avoid cross contamination. Do not unwrap sterile pipettes until they are ready to beused. Keep pipettes and tips within the clean work area.
- 5. Do not talk while performing sterile procedures and perform your cell culture as efficiently and carefully as possible tominimize contamination.

# **Quality control**

Standard evaluations for cell culture media are pH, osmolality, endotoxins and sterility testing for liquid products, by Elabscie cell growth experiments.

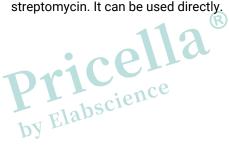
**Notes** 

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- 1. This product is for research use only.
- 2. This product is sterilized by 0.1  $\mu m$  filtration.
- 3. It is necessary to pay attention to the aseptic operation and avoid the contamination during the culture.
- 4. It is not suitable for long time storage at room temperature.
- 5. This product is a ready-to-use medium. If there is no special need, don't add serum, penicillin and streptomycin. It can be used directly.









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