Grace's medium for insect Cells

Cat. No. : PM152011

Size: 500mL

General Information

Product Form	Liquid
Concentration	1 ×
pH	6.1-6.4
D-Glucose	700 mg/L
Sodium Bicarbonate (NaHCO3)	350 mg/L
L-Glutamine	4 mM
HEPES	Negative
D(-)-Fructose	400 mg/L
D(+)-Sucrose	26680 mg/L
Lactalbumin Hydrolysate	Negative
Liquid Yeast Autolysate	Negative
Storage	2-8℃, Shading Light
Shipping	Room Temperature
Expiration date	12 months

Background

Grace's Insect Medium is Grace's modified Wyatt Medium, which is more similar in chemical composition to insect hemolymph, and Grace used this medium to successfully establish the first insect continuous cell line. Grace's Insect Medium was originally used for the culture of Antherea eucalypti cells of the Australian White Star Orange-Orange Silkworm Moth, and with appropriate supplementation, Grace's Insect Medium can be used to grow a variety of insect cells, including cells of a variety of lepidoptera and some dipteroptera.

Guidelines for use

Pricella's cell culture media undergoes strict quality control to ensure sterility, but may get contaminated during use. Follow these guidelines for sterile handling to avoid contamination.

1. Always wipe your gloved hands and work area with 70% ethanol.
1. Wipe the outside of the containers, flasks, plates, and dishes with 70% ethanol before placing them in the cell culture hood.
2. 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 be used. Keep pipettes and tips within the clean work area.
3. Do not talk while performing sterile procedures and perform your cell culture as efficiently and carefully as possible to minimize contamination.

Quality control

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

Notes

1. This product is for research use only.
2. This product is sterilized by 0.1 μm filtration.
3. It is necessary to pay attention to the aseptic operation and avoid the contamination during the culture.