

Product information

Hybri-CYTE® Hybridoma Media Supplement

Catalog number 81-131

Pack sizes: 2 X 25 mL

Store at 2-8°C

Description

A frozen concentrate of growth supplements optimized for use in hybridoma cell culture.

Intended Uses

For use as a replacement for Fetal Bovine Serum (FBS) in hybridoma cell culture in DMEM or DMEM/F12 to enhance cell growth and production of monoclonal antibodies.

Features

- Hybri-CYTE is provided in a convenient pack of two 25 mL bottles at a 20X concentration that can be added directly to one liter of basal media containing L-glutamine (2-4 mM).
- Under the recommended storage temperature of 2-8°C, and in its original container, Hybri-CYTE is stable for two years. Hybri-CYTE stability is supported by its conformance with the analytical release criteria¹ at the time of manufacture.
- Hybri-CYTE is packaged under aseptic conditions and may be filtered through a 0.2 micron filter.

Precautions

As with any biological product, do not ingest. Avoid unnecessary air and light exposure.

Instructions for use

1. Start with actively growing mid-log phase hybridoma cultures in DMEM or DMEM/F12 containing 10% FBS*.
2. Add 50 mL of Hybri-CYTE to 1 liter of media.
3. Seed culture into Hybri-CYTE-containing medium at 2-5x10⁵ cells/mL.
4. Incubate at 37°C in a CO₂ incubator until the culture reaches 1x10⁶ cells/mL.
5. Cells should be passaged 2-3 times for acclimation to Hybri-CYTE.
6. Once acclimated, cells can be maintained between 2x10⁵/mL and 1.5x10⁶/mL.

*Optimal performance has been demonstrated in DMEM and DMEM/F12. Use of other media formulations may result in decreased cell growth and or/productivity

Additional Considerations

1. The appropriate seeding density may be clone-specific.
2. Cells may be thawed from cryostorage directly into Hybri-CYTE-containing medium.

Quality Control

- Manufacturing to cGMP standards
- ISO 9001:2000 Quality Management System

Formulation

Component	Concentration (20X)
EX-CYTE®	40%
Probumin™ Media Grade BSA (Cat# 81-068)	10%
Incelligent Insulin, Recombinant Human (Cat# 4506)	200 mg/L
Human Transferrin Iron Saturated (HOLO) (Cat# 4455)	20 mg/L
Ethanolamine	200 µM
Sodium Selenite	500 nM

1. Cholesterol, pH, USP Sterility, total protein, IgG, and endotoxin (gel clot).

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For further information on EX-CYTE please call: US and Canada 1.800.645.5476, Europe +31.20.567.2601, All Others +1.781.533.6000, or email orders@millipore.com

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