

ClonaCell™-HY Liquid HAT Selection Medium

Hybridoma selection medium, with HAT (serum-containing)

Catalog # 03831

500 mL



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Product Description

ClonaCell™-HY Liquid HAT Selection Medium is a serum-containing medium with hypoxanthine, aminopterin, and thymidine (HAT) for the selection of hybridomas following the fusion of lymphocytes and myeloma cells. This medium has been verified for use in mouse and rat hybridoma development and reportedly is compatible for production and cloning of myelomas and/or hybridomas using lymphocytes from a variety of host animals including human, mouse, rat, hamster, and rabbit.

- Simplifies hybridoma selection in liquid suspension cultures

Properties

Storage: Store at -20°C.

Shelf Life: Stable until expiry date (EXP) on label.

Contains:

- DMEM
- Pre-selected serum
- Hypoxanthine, aminopterin, and thymidine (HAT)
- Gentamicin
- 2-Mercaptoethanol
- Phenol red
- L-Glutamine and other supplements
- Other ingredients

Handling / Directions For Use

1. Thaw ClonaCell™-HY Liquid HAT Selection Medium at room temperature (15 - 25°C) or overnight at 2-8°C. Mix well.
NOTE: Do not thaw ClonaCell™-HY Liquid HAT Selection Medium in a 37°C water bath.
2. If ClonaCell™-HY Liquid HAT Selection Medium is not used immediately, store at 2 - 8°C for up to 2 weeks. Alternatively, aliquot and store at -20°C until expiry date as indicated on the label.
3. Follow your own procedure for hybridoma generation, selection, and expansion or refer to the Technical Manual: ClonaCell™-HY Liquid HAT Hybridoma Selection (Document #29044; contact us to request a copy) for a protocol using the complete range of ClonaCell™-HY products. Additional ClonaCell™-HY media products include:

- ClonaCell™-HY Medium A (Catalog #03801)
- ClonaCell™-HY Medium B (Catalog #03802)
- ClonaCell™-HY Medium C (Catalog #03803)
- ClonaCell™-HY Medium E (Catalog #03805)
- ClonaCell™-HY PEG (Catalog #03806)

References

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- Jin C et al. (2005) Immunoglobulin G specifically binding plant N-glycans with high affinity could be generated in rabbits but not in mice. *Glycobiology* 16(4): 349-57.

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