

ClonaCell™-HY Medium D



Methylcellulose-Based Hybridoma Selection and Cloning Medium

Catalog # 03804

90 mL

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FOR RESEARCH USE ONLY. NOT INTENDED FOR HUMAN OR ANIMAL DIAGNOSTIC OR THERAPEUTIC USES.

Product Description

ClonaCell™-HY Medium D is a semi-solid methylcellulose-based medium containing the selective reagents hypoxanthine, aminopterin and thymidine (HAT). This medium is used after fusion of lymphocytes and myeloma cells to select and clone hybridomas in one step. Single cell-derived hybridomas stay together in the semi-solid medium as they grow to form monoclonal colonies. The hybridomas can easily be picked and screened, and then expanded for production of the desired antibody. This medium is used during mouse monoclonal antibody development.

Properties

Storage:	Store at -20°C.
Shelf Life:	Stable until expiry date (EXP) on label.
Contains:	<ul style="list-style-type: none">• DMEM• Methylcellulose• Pre-selected serum• Hypoxanthine, aminopterin, thymidine (HAT)• Gentamycin• 2-Mercaptoethanol• Supplements

Handling / Directions For Use

1. Thaw ClonaCell™-HY Medium D at room temperature (15 - 25°C) or overnight at 2 - 8°C. Mix well.
NOTE: Do not thaw ClonaCell™-HY Medium D in a 37°C water bath.
2. If ClonaCell™-HY Medium D 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.

For further information, refer to the Technical Manual: ClonaCell™-HY Hybridoma Cloning Kit (Document #28411), available on our website at www.stemcell.com or contact us to request a copy.

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