



Version 1.0.1

**CLONACELL®-HY  
LIQUID HAT**Hybridoma Selection  
Medium

Catalog #03831

500 mL

**PRODUCT DESCRIPTION:**

This product contains a mixture of pre-selected serum, hypoxanthine-aminopterin-thymidine (HAT), gentamycin, growth factors and supplements in Dulbecco's Modified Eagle's Medium (DMEM). This product is selective for the growth of hybridoma cells.

**STABILITY AND STORAGE:**

Stable for 1 year when stored at -20°C. Medium can be thawed, aliquoted and frozen for later use. Storage at 2-8°C is acceptable for 2 weeks prior to use. Contents guaranteed sterile if seal is not tampered with.

**DIRECTIONS FOR USE:**

Thaw ClonaCell®-HY Liquid HAT Medium in refrigerator overnight at 2-8°C or at room temperature. Mix well. The product should not be thawed at a temperature higher than 37°C.

Follow your own procedure for hybridoma generation, selection and expansion or refer to the **ClonaCell®-HY Liquid HAT Hybridoma Selection Technical Manual** (Catalog #29044) for a protocol using the complete range of ClonaCell®-HY products. Additional ClonaCell®-HY media products include:

- ClonaCell®-HY Pre-Fusion Medium A, 500 mL (Catalog #03801)
- ClonaCell®-HY Fusion Medium B, 500 mL (Catalog #03802)
- ClonaCell®-HY Hybridoma Recovery Medium C, 100 mL (Catalog #03803)
- ClonaCell®-HY Expansion Medium E, 500 mL (Catalog #03805)
- ClonaCell®-HY Pre-tested PEG Solution, 1.5 mL (Catalog #03806)

The **ClonaCell®-HY Liquid HAT Hybridoma Selection Technical Manual** is available on our website at [www.stemcell.com/technical/manuals.asp](http://www.stemcell.com/technical/manuals.asp).

**REFERENCES:**

1. Harlow E and Lane D. Monoclonal Antibodies, Chapter 6 in: Antibodies, a laboratory manual. Cold Spring Harbor Laboratory, Cold Spring Harbor, New York. 1988;ISBN 0-87969-314-2.
2. Köhler G and Milstein C. Continuous culture of fused cells secreting antibody of predefined specificity. Nature 1975;256:495-497.
3. Melchers F, Potter M and Warner NL. Lymphocyte hybridomas. Second workshop on "functional properties of tumours of T and B lymphocytes." Preface. Current Topics in Microbiology & Immunology 1978;81:9-23.
4. Kennett RH, McKearn TJ and Bechtol KB. Monoclonal antibodies. Plenum Press, New York 1980.

**THIS REAGENT IS FOR RESEARCH ONLY.  
IT IS NOT TO BE ADMINISTERED TO HUMANS.**

**StemCell Technologies****In North America**

Tel: 1.604.877.0713  
Fax: 1.604.877.0704  
Toll Free Tel: 1.800.667.0322  
Toll Free Fax: 1.800.567.2899  
e-mail: [info@stemcell.com](mailto:info@stemcell.com)  
[www.stemcell.com](http://www.stemcell.com)

**In the United Kingdom**

Tel: +44.(0).20.7537.7565  
Fax: +44.(0).20.7515.5408  
Toll Free within United Kingdom:  
Tel: 0800.731.27.14  
Fax: 0800.731.27.13  
e-mail: [info@stemcellgb.com](mailto:info@stemcellgb.com)

**In Europe**

Tel: +33.(0).4.76.04.75.30  
Fax: +33.(0).4.76.18.99.63  
e-mail: [info@stemcellfrance.com](mailto:info@stemcellfrance.com)

Revised:  
February 2007