



Product Sheet

15-79-2 (ATCC® HB-34™)

Please read this FIRST



Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Complete Growth Medium

RPMI 1640 medium, 80%; fetal bovine serum, 20%
Culture Medium: RPMI medium 1640, 80%; fetal bovine serum, 20%.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: 15-79-2 (ATCC® HB-34™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Organism: *Mus musculus* (pre-B cell); *Mus musculus* (myeloma), mouse (pre-B cell); mouse (myeloma)

Tissue: liver

Cell Type: hybridoma: pre-B lymphoblast

Age: fetus

Morphology: lymphoblast

Growth Properties: suspension

Batch-Specific Information

Refer to the Certificate of Analysis for batch-specific test results.

SAFETY PRECAUTION

ATCC highly recommends that protective gloves and clothing always be used and a full face mask always be worn when handling frozen vials. It is important to note that some vials leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vessel exploding or blowing off its cap with dangerous force creating flying debris.

Unpacking & Storage Instructions

1. Check all containers for leakage or breakage.
2. Remove the frozen cells from the dry ice packaging and immediately place the cells at a temperature below -130°C, preferably in liquid nitrogen vapor, until ready for use.

Handling Procedure for Frozen Cells

Part A. FROZEN CELLS

Vol./Ampule: 1.0 mL.

Recommended Handling Upon Receipt: Initiate culture as soon as possible upon receipt. Thaw by rapid agitation in 37°C water bath. See instructions on back.

Dilute ampule contents with culture medium (see batch data above). Add fresh medium (depending on cell density) every 2-3 days.

Handling Procedure for Flask Cultures

Part B. FLASK CULTURES

Recommended Handling Upon Receipt:

Suspension Cultures: The culture flasks have been completely filled with medium for shipment. Remove the entire contents of the flask and centrifuge at 300 x g for 15 minutes. Resuspend the cell pellet as suggested under subculture procedure described above.

Subculturing Procedure

Medium Renewal: Every 1 to 2 days

Cultures can be maintained by addition or replacement of fresh medium. Start cultures at 2 X 10⁵ cells/ml and maintain between 1 X 10⁵ and 1 X 10⁶ cells/ml.

Comments

Fetal liver cells (14 days gestation) were fused with P3X63Ag8.653 myeloma cells.

The cells produce, but do not secrete mu chain.

No light chain is produced.

The kappa light chain genes have not been functionally re-arranged.

Tested and found negative for ectromelia virus (mousepox).

References

References and other information relating to this product are available online at www.atcc.org.

Biosafety Level: 1



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Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

ATCC Warranty

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Additional information on this culture is available on the ATCC web site at www.atcc.org.
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