Strain: Rauscher (biologically cloned)
Classification: Retroviridae, Gammaretrovirus, Mammalian virus group
Original Source: Mouse spleen
Depositor: JW Hartley

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

Propagation
Propagation Host:
NIH/3T3 cells (ATCC CRL-1658)
Host of Choice: NIH 3T3 cells
Host Range: Mice and mouse cells
Effect on Host:
Yes, in vitro effects: Cytopathic effects (plaque formation) only in XC-assay and in mouse S+L- cells
No CPE in NIH3T3 TC; Plaques only on XC-assay and on mouse S+L- cells

Growth Conditions
Temperature: 37.0°C
Duration: 1 day in TC; 5-9 days for XC-assay

Comments
In mice, induces a variety of leukemias and lymphomas, depending on age and strain of mouse and probably sub-strain of virus. NB-tropic ecotropic replication competent MuLV recovered from mouse passaged Rauscher MuLV. The virus is the same as the one produced by persistently infected cells held as VR-1413. Infects mouse embryo fibroblast cultures of Fv-1(b) or Fv-1(n) strains and SC-1 cells.

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

Key Abbreviations
3T3, contact inhibited mouse line
CPE, cytopathic effect
NIH, National Institutes of Health
PFU, plaque forming units
SC-1, feral mouse embryo cells
TC, tissue culture
TCID[50], median tissue culture infective dose
XC, rat sarcoma cells

© ATCC, 2000
ATCC® is a registered trademark of the American Type Culture Collection
11/2000 PF

Biosafety Level: 2
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
The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the
product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans. While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of strains on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of cultures.

Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org.

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

© ATCC 2013. All rights reserved. ATCC is a registered trademark of the American Type Culture Collection. [02/05]