



Hybrid Moloney/Amphotropic murine leukemia virus (Mo/A-MuLv)

VR-1448™

Description

Strain designation: 4070A envelope strain

Deposited As: Hybrid Moloney/Amphotropic murine leukemia virus (Mo/A-MuLv)

Storage Conditions

Product format: Frozen

Storage conditions: Vapor phase of liquid nitrogen

Intended Use

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

BSL 2

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

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Product Sheet

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may 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 vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Host: Recommended Host: This virus is continuously produced by the cell line in which it is shipped. No additional host is required; however, if desired the virus may be used to infect other cells, which are listed as alternate hosts.

Alternate Host(s): Many mammalian cell lines (murine, rat, human except certain bovine and hamster cells)

Effects: No CPE

Complete medium:

DMEM (ATCC® 30-2002™) + 10% FBS (ATCC® 30-2020™)

Temperature: 37°C

Atmosphere: 95% Air, 5% CO₂

Incubation: 2 to 7 days at 37°C, a 5% CO₂ in air atmosphere is recommended

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Handling Procedures

Mycoplasma contamination: Not detected

Notes

This virus produces plaques on PG-4 (feline S+L-) cell line, and foci of rounded cells on MiCL1 (Mink S+L-) cell line. This holding consists of persistently infected tk(-) NIH3T3 producer cells that shed Mo/A-MuLV.

Key Abbreviations: NIH3T3, contact-inhibited mouse embryo fibroblast cells PG-4, Feline Moloney sarcoma virus-transform; °C, Degrees Celsius; CO₂, Carbon dioxide; CPE, Cytopathic effect; DMEM, Dulbecco's Modified Eagle's Medium; FBS, Fetal bovine serum; MuLV, Murine leukemia virus

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Hybrid Moloney/Amphotropic murine leukemia virus (Mo/A-MuLV) (ATCC VR-1448)

References

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

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formulation and reagents that have been found to be effective for the product.

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