



VR-1412

VR-1412™

Description

Strain designation: Rauscher (biologically cloned)

Deposited As: Murine leukemia virus

Storage Conditions

Product format: Frozen

Storage conditions: -70°C or colder

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.

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

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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: NIH/3T3 (ATCC CRL-1658)

Host Range: Mice and mouse cellsmouse; mouse cells

Effects: CPE; plaque formation

Temperature: 37°C

Incubation: 1 day in TC; 5-9 days for XC-assay

Handling Procedures

Mycoplasma contamination: Not detected

Notes

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

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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.

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; TCID₅₀, Median tissue culture infective dose; XC, rat sarcoma cell line

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: VR-1412 (ATCC VR-1412)

References

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

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