



Murine leukemia virus

VR-190™

Description

Strain designation: Moloney LT(V)

Deposited As: Murine lymphoid 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

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: nbM (s.c., i.p.); Host Range: M, Rat, Ha, SC-1 cells (ATCC CRL-1404)

Effects: death of host animal; enlarged lymph nodes; enlarged spleen; generalized lymphoid leukemia

Incubation: 75 days in mice; 7-10 days in SC-1 cells.

Handling Procedures

Mycoplasma contamination: Not detected

Notes

Swiss as well as several inbred strains of mice are susceptible. The incubation period increases with increasing age. Antigenically related to Swiss mouse leukemia (Friend) (Moloney, J.B., Fed. Proc. 21: 19, 1962). The biologically cloned ecotropic component is available as ATCC VR-1350. Newborn mice or rats inoculated with 10(-1) dilution of

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microsomal fraction of centrifuged splenic tissue will have palpable spleens within one month.

Key Abbreviations: 3T3, Contact inhibited mouse line; FFU, focal forming units; Ha, Hamster; i.p., Intraperitoneal; M, Mouse; nb, Newborn; nbM, Newborn mouse; s.c., Subcutaneous; SC-1, feral mouse embryo cells; TC, Tissue culture

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Murine leukemia virus (ATCC VR-190)

References

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

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Revision

This information on this document was last updated on 2025-10-15

Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: tech@atcc.org or contact your local distributor
