



# Colorado tick fever virus

Product Sheet

VR-1233™

## Description

**Strain designation:** Florio (N-7180) [V-506-001-522]

**Deposited As:** Colorado tick fever virus

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## Storage Conditions

**Product format:** Frozen

**Storage conditions:** -70°C or colder

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## 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.

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## 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.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Growth Conditions

**Host:** Mouse, 3 to 4 weeks old, i.c. inoculation; hamster, s.c. inoculation (inapparent); chicken embryo, yolk sac

**Effects:** death of host animal

**Incubation:** 3 - 6 days

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## Handling Procedures

**Mycoplasma contamination:** Not detected

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## Notes

Lyophilized suspension of infected mouse brain + 50% inactivated rabbit serum.

By SN no adventitious agent detected, and

No murine viruses detected by MAP test.

VR-1233

**Key Abbreviations:** CE, Chicken embryo; Ha, Hamster; i.c., Intracerebral; gm, Gram; LD[50], Median lethal dose; M, Mouse; MAP, Mouse antibody production; mL, Milliliter; NIAID, National Institute of Allergy and Infectious Diseases; s.c., Subcutaneous; SM, Suckling mouse; SN, Serum neutralization; y.s., Yolk sac

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Colorado tick fever virus (ATCC VR-1233)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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## 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](mailto:tech@atcc.org) or contact your local distributor

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