



# Tacaribe virus

VR-1272™

## Description

**Strain designation:** TRVL 11573 [V-544-001-022]

**Common name:** Tacaribe virus

**Deposited As:** Tacaribe 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 (1 day, i.c.); Host Range: nbM (i.c., i.p.), M (i.c.), bat, CE (y.s.), MkK, HaK cells newborn mouse, i.c. or i.p. inoculation; mouse, i.c. inoculation; bat, chicken embryo, yolk sac, monkey kidney cells; hamster kidney cells

**Effects:** convulsions; death of host animal; paralysis

**Incubation:** 8 days

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## Handling Procedures

**Mycoplasma contamination:** Not detected

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## Notes

VR-1272 has been reported to be contaminated with a lactate dehydrogenase elevating virus. Can be passed serially (i.c.) in adult mice, animals become ill in 5-7

days and die within 24 hours with evidence of CNS involvement. The natural clinical illness in bats resembles that produced by rabies virus. Antigenic relationship to Junin virus of Argentinian and to Machupo virus of Bolivian hemorrhagic fevers has been demonstrated by means of the CF test.

**Key Abbreviations:** CE, Chicken embryo; CF, Complement fixation; CNS, Central nervous system; HaK, Hamster kidney; i.c., Intracerebral; i.p., Intraperitoneal; LD[50], Median lethal dose; M, Mouse; Mb, Mouse brain; MkK, Monkey kidney; nbM, Newborn mouse; USDA, United States Department of Agriculture; 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: Tacaribe virus (ATCC VR-1272)

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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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