



# California encephalitis virus

VR-1213™

## Description

**Strain designation:** BFS-283 [V-502-001-522]

**Common name:** Melao virus

**Deposited As:** California encephalitis 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 submerged 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 submerged 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:** M (1-4) days; Host Range: M (3-4 wk. i.c., i.p.), Ha (i.c.), cotton rat (i.c.), CE (non-lethal), HaK, KB cells

**Effects:** death of host animal

**Incubation:** 2-5 days

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## Handling Procedures

**Mycoplasma contamination:** Not detected

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## Notes

Size 60-125 nm; Prototype of California encephalitis group of arboviruses and related

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antigenically to Trivittatus, Melau, Tahyna and Lumbo and others of the CEV complex; also to Guaroa of Bunyawera group.\*) Requests for this agent must carry signed statement assuming all risks and responsibility for lab handling.

**Key Abbreviations:** M, Mouse; Ha, Hamster; CE, Chicken embryo; HaK, Hamster kidney; KB, Human oral epidermal carcinoma cells; SM, Suckling mouse; i.c., Intracerebral; i.p., Intraperitoneal; HA, Hemagglutination; Mb, Mouse brain; NIAID, National Institute of Allergy and Infectious Diseases; LD[50], Median lethal dose; CEV, California encephalitis virus; gm, Gram; mL, Milliliter

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### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: California encephalitis virus (ATCC VR-1213)

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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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Product Sheet

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## Revision

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