



# ***Chlamydia caviae*** **(Everett et al.) Sachse et al.**

**VR-813™**

## **Description**

**Strain designation:** Strain: 1

**Deposited As:** Guinea pig inclusion conjunctivitis

**Type strain:** Yes

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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:** McCoy [McCoy B] (ATCC CRL-1696)

Host Range: CE y.s., GP and McCoy chicken embryo, yolk sac; guinea pig; McCoy cells (ATCC CRL-1696)

**Effects:** CPE; cytoplasmic inclusions

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## Handling Procedures

**Mycoplasma contamination:** Not detected

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## Notes

Experimentally infectious for the vagina and urethra of guinea pigs.

Chlamydial group CF antigen present. Non-infectious for the conjunctivae of the mouse, hamster, rabbit and only slightly or irregularly infectious for the conjunctiva of the Mongolian gerbil. In general, inclusions are visible 3-4 days after inoculation of GP eye, vagina and urethra with approximately 10(3) dilution of the y.s.

Original Preparation Contributed By: J. Schachter.

Next-generation sequencing (NGS) at ATCC on the McCoy cell line (ATCC® CRL-1696™) used as the host has shown the presence of Mus Musculus mobilized endogenous polytropic provirus and Murine leukemia virus.

**Key Abbreviations:** CE, Chicken embryo; CF, Complement fixation; GP, Guinea pig; SPG, Sucrose-phosphate-glutamate; TC, Tissue culture; TCID<sub>50</sub>, Median tissue culture infective dose; 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: *Chlamydia caviae* (Everett et al.) Sachse et al. (ATCC VR-813)

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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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