Bartonella vinsonii (Weiss and Dasch) Brenner et al. emend. Korkick et al. (Vole agent, Cloned)

VR-962™

Description

Strain designation: Baker
Deposited As: *Rochalimaea vinsonii* Weiss and Dasch (Vole agent, cloned)

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.

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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: NCTC clone 929 [L cell, L-929, derivative of Strain L] (ATCC CCL-1)
Chicken embryo, yolk sac
Effects: colony formation
Temperature: 35°C
Incubation: 1-2 days, 35°C

Handling Procedures

Mycoplasma contamination: Not detected

Notes

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Distinguished from *R. quintana* by somewhat different antigenic specificity and PAGE migration patterns, and 31-42% DNA-DNA hybridization. Does not require added CO_2 for growth, utilizes glutamate as sole substrate (*R. quintana* requires another substrate for the transport of glutamate), ornithine decarboxylase is inducible, whereas it is constitutive in *R. quintana*. In contrast to *R. quintana* it tends to autoagglutinate in liquid media, but this may be a strain characteristic.

Key Abbreviations: CE, Chicken embryo; DNA, Deoxyribonucleic acid; L, Liver; Pr, Primary; TC, Tissue culture

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Bartonella vinsonii* (Weiss and Dasch) Brenner et al. emend. Korkick et al. (Vole agent, Cloned) (ATCC VR-962)

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 2022-10-01

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