

TSD-94<sup>™</sup>

### **Description**

Strain designation: IPO1

Type strain: Yes

**Technical information:** ATCC Product Experience does not have technical information on type strain deposits that are not fully characterized. Additional information can be found in the depositor's publication.

### **Storage Conditions**

**Product format:** Frozen

#### 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<sub>2</sub>

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.

### 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**

**Temperature:** 25°C **Incubation:** 3 weeks

### **Handling Procedures**

**Depositor-recommended growth conditions:** Infect 1 x  $10^6$  ISE6 tick cells with 0.5 mL bacteria and culture in L-15B300 complete medium supplemented with 10% fetal bovine serum, 5% tryptose phosphate broth, 0.1% bovine lipoprotein cholesterol concentrate, and 10 mM HEPES.

L-15B300 complete medium per 1L water one package commercial L15 powder

0.299 g L-aspartic acid
0.292 g L-glutamine
0.3 g L-proline
0.5 g L-glutamic acid
0.299 g alpha-ketoglutaric acid
14.410 g D-glucose
1 mL mineral stock solution D
1 mL vitamin stock
0.5 mL 10N NaOH

vitamin stock per 100mL water 100 mg PABA 50 mg B12 10 mg d-Biotin

Mineral stock solution D per 100mL water 1000 mg ascorbic acid 1000 mg glutathione

50 mg FeSO<sub>4</sub>·7H<sub>2</sub>O

1 mL stock solution A 1 mL stock solution B 1 mL stock solution C

Stock Solution A per 100 mL water 20 mg CoCl<sub>2</sub>·6H<sub>2</sub>O 20 mg CuSO<sub>4</sub>·5H<sub>2</sub>O 160 mg MnSO<sub>4</sub>·H<sub>2</sub>O 200 mg ZnSO<sub>4</sub>·7H<sub>2</sub>O



Stock Solution B per 100 mL water 20 mg NaMoO<sub>4</sub>·2H<sub>2</sub>O

Stock Solution C per 100 mL water 20 mg Na<sub>2</sub>SeO<sub>3</sub>

#### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Rickettsia monacensis* subsp. *pacifica* (ATCC TSD-94)

#### References

References and other information relating to this material are available at www.atcc.org.

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ATCC is a private, nonprofit biological resource center (BRC) and research organization that holds deposits of new type strains. ATCC tests for viability and identity upon the initial deposit of type strains. For those strains with a "TSD" designation, no further testing is performed and these strains are made available on behalf of the depositor per the requirements of the International Journal of Systematic and Evolutionary Microbiology (IJSEM), published by the Society for General Microbiology (SGM), and the International Committee on Systematics of Prokaryotes (ICSP).

ATCC may fully accessions new type strains into its general culture collection. At that time, ATCC will provide an "ATCC" designation to the strain, fully characterize the strain, and provide a Certificate of Analysis with authentication data for that specific item.

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#### Revision

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