



# ***Ralstonia solanacearum*** **(Smith) Yabuuchi et al.**

**BAA-1115™**

## **Description**

**Strain designation:** MolK2

**Deposited As:** *Ralstonia solanacearum* (Smith) Yabuuchi et al.

**Type strain:** No

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## **Storage Conditions**

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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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 1**

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.

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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

**Medium:**

ATCC Medium 2517: BGT Medium

**Temperature:** 30°C**Atmosphere:** Aerobic

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## Handling Procedures

1. Open vial.
2. Using a single tube of # 2517 broth (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a Pasteur or 1.0 mL pipette. Rehydrate the entire pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate a #2517 agar slant and/or plate.

5. Incubate the tubes and plate at 30°C for 24-48 hours.
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## Notes

This strain may undergo genetic rearrangement at a high frequency as soon as the stationary phase of growth is reached. The culture should not be stored for more than a couple of days after the colonies have grown. Two colony types may be observed. One colony type is large white-pink and the other is rough and dark red. The larger white-pink colonies are the correct ones.

Additional information on this culture is available on the ATCC® web site at [www.atcc.org](http://www.atcc.org).

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Ralstonia solanacearum* (Smith) Yabuuchi et al. (ATCC BAA-1115)

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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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