



Product Sheet

Deinococcus radiodurans (ATCC® 13939™)

Please read this **FIRST**



Storage Temp.
Frozen: -80°C or colder
Freeze-Dried: 2°C to 8°C
Live Culture: See Propagation Section



Biosafety Level
1

Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Deinococcus radiodurans* (ATCC® 13939™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Designation: R1 (smooth) [CCUG 27074, CIP 104750, DSM 20539, HAMB1 1924, IFO 15346, LMG 4051, UWO 288, VKM B-1422]

Deposited Name: *Micrococcus radiodurans* Raj et al.

Product Description: Type strain. Produces restriction endonuclease *MraI*. Genome sequencing strain. Radiation-resistant; withstands 6×10^6 rep.

Propagation

Medium

ATCC® Medium 86: Nutrient agar with 1% glucose

Growth Conditions

Temperature: 30°C

Atmosphere: Aerobic

Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #86 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 #86 agar slant and/or plate.
5. Incubate the tubes and plate at 30°C for 48 hours.

Notes

Purified genomic DNA of this strain is available as ATCC® 13939D-5™.

Additional information on this culture is available on the ATCC® web site at www.atcc.org.

References

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

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this



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product. The MTA is also available on our Web site at www.atcc.org

Additional information on this culture is available on the ATCC web site at www.atcc.org.

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