





Nucleic Acid Product Sheet

NGS-Ready DNA from *Pseudomonas aeruginosa*, strain R. Hugh 815 (ATCC® 10145DX™)

Please read this FIRST



Storage Temp.
-20°C or colder



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: NGS-Ready DNA from *Pseudomonas aeruginosa*, strain R. Hugh 815 (ATCC® 10145DX™)

Nucleic Acid Information

≥ 10 µg of DNA in 10 mM Tris-HCl buffer, pH 8.5
Fragment size ≥ 20 kb

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

Source: NGS-Ready DNA from *Pseudomonas aeruginosa*, strain R. Hugh 815

Description: NGS-ready DNA extracted from *Pseudomonas aeruginosa*, strain R. Hugh 815 [ATCC® 10145DX™].

Note: Sequence produced from this product is available through the ATCC® Genome Portal (genomes.atcc.org).

Batch-Specific Information

Refer to the Certificate of Analysis for batch-specific test results.

Preparation Procedure

1. Thaw the vial at room temperature and immediately place on ice. Avoid exposing the DNA to repeated freeze-thaw cycles as it may result in degradation. If the complete vial will not be used for your application, aliquoting is highly recommended to avoid multiple freeze-thaws.
2. Gently mix the sample to ensure an even distribution of material. Avoid vortex use and repeat pipetting to maintain DNA.
3. Briefly centrifuge the tube before opening to ensure all liquid is at the bottom.

Quality Control Information

1. NGS-ready DNA is provided frozen. Store at -20°C or colder. Note: Do not store in freezers with a defrost cycle. This will expose the product to increased temperatures.
2. Total DNA by PicoGreen® measurement: ≥ 10 µg
3. Purity: OD₂₆₀/OD₂₈₀ ratio
4. DNA fragment size: ≥ 20 kb
5. Functional activity confirmed by whole-genome sequencing
6. Identity confirmed by data analyses performed using ONE CODEX®.

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.

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

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