



# ***Streptococcus dysgalactiae* subsp. *dysgalactiae* (ex *Diernhofer*) Garvie et al. emend. Vieira et al.**

**43078™**

## **Description**

*Streptococcus dysgalactiae* subsp. *dysgalactiae* strain NCDO 2023 is a bacterial type strain that was isolated from a cow. This bacterium is classified in Lancefield's group C, and it has applications in quality control.

**Strain designation:** NCDO 2023 [0134, CCUG 27301, CIP 102914, DSM 20662, LMG 15885, LMG 16023, NCFB 2023]

**Deposited As:** *Streptococcus dysgalactiae* (Diernhofer) Garvie et al.

**Type strain:** Yes

**Antigenic properties:** Lancefield's group C

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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 2**

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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.

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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 44: Brain Heart Infusion Agar/Broth

ATCC Medium 260: Trypticase soy agar/broth with defibrinated sheep blood

**Temperature:** 37°C

**Atmosphere:** Aerobic

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### **Handling Procedures**

1. Open vial.
  2. Rehydrate the entire pellet with approximately 0.5 mL of #44 broth. Aseptically transfer the entire contents to a 5-6 mL tube of #44 broth. Additional test tubes can be inoculated by transferring 0.1 mL of the primary broth tube to these secondary tubes.
  3. Use several drops of the primary broth tube to inoculate a #260 plate and/or #260 agar slant.
  4. Incubate at 37°C for 24 hours.
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### **Notes**

The organism may produce varying degrees of alpha-hemolysis.

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: *Streptococcus dysgalactiae* subsp. *dysgalactiae* (ex Diernhofer) Garvie et al. emend. Vieira et al. (ATCC 43078)

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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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