

### ***Salmonella enterica* subsp. *diarizonae*, Strain CDC 01-0005**

#### **Catalog No. NR-516**

(Derived from ATCC® BAA-639™)

#### **For research use only. Not for human use.**

#### **Contributor:**

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#### **Product Description:**

Bacteria Classification: *Enterobacteriaceae*, *Salmonella*

Species: *Salmonella enterica*

Subspecies: *Salmonella enterica* subsp. *diarizonae*<sup>1,2</sup>  
(formerly *Salmonella choleraesuis* subsp. *diarizonae*)

Strain: CDC 01-0005

Original Source: Isolated from feces of a human female, Indiana, U.S.A., 2001

Comment: The genome sequencing project for *Salmonella enterica* subsp. *diarizonae*, strain CDC 01-0005 is in progress at Washington University (Project ID: 13031).

#### **Material Provided:**

Each vial contains approximately 0.5 mL of bacterial culture in 0.5X Tryptic Soy Broth supplemented with 10% glycerol.

#### **Packaging/Storage:**

NR-516 was packaged aseptically, in screw-capped plastic cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. Freeze-thaw cycles should be avoided.

#### **Growth Conditions:**

##### Media:

Tryptic Soy Broth or equivalent

Tryptic Soy Agar or equivalent

##### Incubation:

Temperature: 37°C

Atmosphere: Aerobic

##### Propagation:

1. Keep vial frozen until ready for use, then thaw.
2. Transfer the entire thawed aliquot into a single tube of Tryptic Soy Broth.
3. Use several drops of the suspension to inoculate a Tryptic Soy Agar slant and/or plate.
4. Incubate the tubes and plate at 37°C for 24 hours.

##### Note:

Colonies on Tryptic Soy Agar are circular, smooth, glistening, entire, raised, mucoid and transparent. Some colonies are smaller.

#### **Citation:**

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: *Salmonella enterica* subsp. *diarizonae*, Strain CDC 01-0005, NR-516."

#### **Biosafety Level: 2**

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2007; see [www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm](http://www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm).

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#### **References:**

1. Judicial Commission of the International Committee on Systematics of Prokaryotes. "The Type Species of the

- Genus *Salmonella* Lignieres 1900 is *Salmonella enterica* (ex Kauffmann and Edwards 1952) Le Minor and Popoff 1987, With the Type Strain LT2<sup>T</sup>, and Conservation of the Epithet *enterica* in *Salmonella enterica* Over All Earlier Epithets That May Be Applied to This Species. Opinion 80." Int. J. Syst. Evol. Microbiol. 55 (2005): 519-520. PubMed 15653929.
2. Tindall, B. J., et al. "Nomenclature and Taxonomy of the Genus *Salmonella*." Int. J. Syst. Evol. Microbiol. 55 (2005): 521-524. PubMed 15653930.
  3. Alvseike, O., et al. "Molecular Epidemiology and Population Genetics of *Salmonella* subspecies *diarizonae* in Sheep in Norway and Sweden." Epidemiol. Infect. 132 (2004): 253-261. PubMed: 15061500.
  2. Schröter, M., et al. "Pet Snakes as a Reservoir for *Salmonella enterica* subsp. *diarizonae* (Serogroup IIIb): A Prospective Study." Appl. Environ. Microbiol. 70 (2004): 613-615. PubMed: 14711697.

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