

***Salmonella enterica* subsp. *enterica*, Strain Hopkins 26 (PCI 413)**

Catalog No. NR-513
(Derived from ATCC® 6539™)

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Contributor:
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Product Description:

Bacteria Classification: *Enterobacteriaceae*, *Salmonella*

Species: *Salmonella enterica*

Subspecies: *Salmonella enterica* subsp. *enterica*^{1,2}
(formerly *Salmonella typhimurium*, *Salmonella choleraesuis* subsp. *choleraesuis* subtype Typhi)

Strain: Hopkins 26 (PCI 413)

Serovar: Typhi

Source: *Salmonella typhi*, strain Hopkins 26 was deposited at ATCC® in 1946 by the Walter Reed Army Medical Center, Washington, D.C.

Comments: This strain has been used for testing disinfectants.^{1,2}

Material Provided:

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

Packaging/Storage:

NR-513 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; thaw slowly.
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.

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. *enterica*, Strain Hopkins 26 (PCI 413), NR-513."

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.

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References:

1. Judicial Commission of the International Committee on Systematics of Prokaryotes. "The Type Species of the Genus *Salmonella* Lignierres 1900 is *Salmonella enterica* (ex Kauffmann and Edwards 1952) Le Minor and Popoff 1987, With the Type Strain LT2^T, 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. AOAC International. Testing Disinfectants Against *Salmonella typhi*, Phenol Coefficient Method. Gaithersburg, MD: AOAC International; AOAC Official Method 955.11.
4. AOAC International. Chlorine (Available) in Disinfectants, Germicidal Equivalent Concentration. Gaithersburg, MD: AOAC International; AOAC Official Method 955.16.

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