




Product Sheet


# ***Salmonella enterica subsp. enterica* serovar *Typhimurium* (ATCC® 14028™)**

Please read this **FIRST**



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

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Biosafety Level  
**2**

## **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: *Salmonella enterica subsp. enterica* serovar *Typhimurium* (ATCC® 14028™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

## **Description**

**Designation:** CDC 6516-60

**Deposited Name:** *Salmonella typhimurium* (Loeffler) Castellani and Chalmers

**Antigenic Properties:** I 4,5,12:i:1,2 (Determined by depositor)

**Product Description:** Formerly *Salmonella choleraesuis* subsp. *choleraesuis* serovar Typhimurium. Preparatory test control. Used in media testing. This strain is recommended by ATCC® for use in the tests described in U.S. Pharmacopeia, 23rd rev., <2021>, p. 2180, 1995, where only the taxon is specified.

## **Propagation**

### **Medium**

ATCC® Medium 3: Nutrient agar or nutrient broth

### **Growth Conditions**

**Temperature:** 37°C

**Atmosphere:** Aerobic

### **Propagation Procedure**

1. Open vial according to enclosed instructions.
2. Using a single tube of #3 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 an additional broth tube, a #3 agar slant and/or a plate.
5. Incubate all tubes and plate at 37°C for 24 hours.

## **Notes**

Colonies on #3 agar are smooth, low convex, glistening, translucent, and entire to slightly undulate. Additional information on this culture is available on the ATCC® web site at [www.atcc.org](http://www.atcc.org).

## **References**

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

## **Biosafety Level: 2**

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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## **Disclaimers**

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Product Sheet

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enterica serovar  
Typhimurium*** (ATCC®  
**14028™**)


the misidentification or misrepresentation of such materials.

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](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).


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