





Product Sheet

Salmonella enterica subsp. enterica serovar Typhimurium (ATCC® 51812™)

Please read this **FIRST**

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



 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® 51812™)*

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**

Designation: U24

Deposited Name: *Salmonella choleraesuis* subsp. *choleraesuis* (Smith) Weldin serotype Typhimurium

Product Description: Type strain.

 **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 a #3 agar slant and/or plate.
5. Incubate the tubes and plate at 37°C for 24 hours.

 **Notes**

This strain was formerly referred to as *Salmonella choleraesuis* subsp. *choleraesuis* serovar Typhimurium. Colonies on #3 agar are irregular, entire, flat, and smooth.

Additional information on this culture is available on the ATCC® web site at www.atcc.org.

 **References**

References and other information relating to this product are available online at 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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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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