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

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™)

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

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

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