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: ATCC® 14028-MINI-PACK™ consists of 6 ready-to-use vials of ATCC® 14028™ frozen in 200 µL of glycerol stock, eliminating the need to rehydrate and culture the strain prior to use. Each vial is provided with a 2-D barcode for easy storage and tracking, as well as peel-off labels for fast and reliable recordkeeping.

Propagation

Medium
ATCC® Medium 3: Nutrient agar or nutrient broth

Growth Conditions
Temperature: 37°C
Atmosphere: Aerobic

Propagation Procedure
Frozen mini-cryovials packed in dry ice should either be thawed immediately for use or stored at or below -70°C until the expiration date printed on the label. Storage at -20°C is acceptable for up to 1 year.
1. Thaw the bacterial strain upright using gentle agitation in a 25°C to 30°C water bath. Thawing will be rapid; approximately 2-3 minutes or until all ice crystals have melted.
2. Immediately after thawing, wipe down the mini-cryovial with 70% ethanol and aseptically transfer the entire contents to a 5-6 mL tube of #3 broth or directly inoculate a #3 plate and/or #3 agar slant.
3. Discard the empty vial. Do not refreeze any unused portion as it will result in a loss of viability.
4. Incubate at 37°C for 24 hours.

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.

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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This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC
Product Sheet

Salmonella enterica subsp. enterica serovar Typhimurium (ATCC® 14028-MINI-PACK™)

Please read this FIRST

Storage Temp.
-70°C or colder, store upright. Storage at -20°C is acceptable for up to 1 year.

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-MINI-PACK™)

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