**Designation:** CDC 1336-81 [33473]
**Deposited Name:** Citrobacter sp.
**Product Description:** Bacterial strain isolated from human blood

**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.

**References and other information relating to this product are available online at www.atcc.org.**

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.

**ATCC Warranty**
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**Disclaimers**
This product is intended for laboratory research purposes only. It is not intended for any animal or human therapeutic or diagnostic use.

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Citrobacter murliniae* (ATCC® 51642™)

**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: *Citrobacter murliniae* (ATCC® 51642™)

**Biosafety Level:** 1

**Storage Temp.**
Freeze-Dried: 2°C to 8°C

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