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9338™

Description

Lactobacillus fermentum strain 36 can be used in assays of alanine, histidine, pyrithiamine, and thiamine.

Strain designation: 36 [BUCSAV 233, NCDO 215, NCIB 6991, NCIB 8028, NCTC 6991]

Deposited As: *Lactobacillus fermentum* Beijerinck

Type strain: No

Patent depository: This material was deposited with the ATCC Patent Depository to fulfill U.S. or international patent requirements. This material may not have been produced or characterized by ATCC. As an International Depository Authority (IDA) for patent deposits, ATCC is required to complete viability testing only at time of initial deposit of patent material. Patent deposits are made available on behalf of the Depositor when the pertinent U.S. or international patent is issued, but material may not be used to infringe the patent claims.

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Storage Conditions

Product format: Freeze-dried

Storage conditions: 2°C to 8°C

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

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BSL 1

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ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions**Medium:**

ATCC Medium 416: Lactobacilli MRS Agar/Broth

Temperature: 37°C**Atmosphere:** 95% Air, 5% CO₂

Handling Procedures

1. Open vial according to enclosed instructions.
 2. From a single tube of #416 broth (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a Pasteur or 1.0 mL pipette and use to rehydrate the entire pellet.
 3. Aseptically transfer the rehydrated pellet back into the broth tube. Mix well.
 4. Use several drops of this suspension to inoculate a second tube of broth, a slant and/or a plate.
 5. Incubate tubes and plate at 37°C in an atmosphere of 5% CO₂ for 48 hours. Loosen screw caps of all test tubes during the incubation period.
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Notes

Colonies on #416 agar are round, flat to convex, opaque, smooth and glistening. Additional information on this culture is available on the ATCC® web site at www.atcc.org.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: 9338 (ATCC 9338)

References

References and other information relating to this material are available at www.atcc.org.

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Revision

This information on this document was last updated on 2023-04-22

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