



Eubacterium rectale (Hauduroy et al.) Prevot

33656™

Description

Eubacterium rectale strain VPI 0990 [CIP 105953] is a whole-genome sequenced type strain that was isolated from feces.

Strain designation: VPI 0990 [CIP 105953]

Deposited As: *Eubacterium rectale* (Hauduroy et al.) Prevot

Type strain: Yes

Storage Conditions

Product format: Frozen

Storage conditions: -80°C or colder

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.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

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 1703: Chopped meat carbohydrates with rumen fluid

ATCC Medium 260: Trypticase soy agar/broth with defibrinated sheep blood

Temperature: 37°C**Atmosphere:** Anaerobic

Handling Procedures

1. Open thawed vial.
2. Under anaerobic conditions aseptically transfer the entire contents to a 5-6 mL tube of #1703 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary broth tubes. Best practice

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dictates the use of pre-reduced media.

3. Use several drops of the primary broth tube to inoculate a #260 plate and/or #260 agar slant.
4. Incubate in an anaerobic atmosphere at 37°C for 24-72 hours. Incubate one agar plate aerobically at 37°C to check for contamination.

ANAEROBIC CONDITIONS:

Anaerobic conditions for transfer may be obtained by the use of an anaerobic gas chamber or placement of test tubes under a gassing cannula system connected to anaerobic gas.

Anaerobic conditions for incubation may be obtained by any of the following:

- Loose screw caps on test tubes in an anaerobic chamber
- Loose screw caps on test tubes in an activated anaerobic gas pack jar
- Use of sterile butyl rubber stoppers on test tubes so that an anaerobic gas headspace is retained

Notes

Shaking may improve growth. This strain may require a jump-start for confluency.

Growth occurs in the broth tubes within 24 to 72 hours. No growth was observed on sheep blood plates incubated aerobically or anaerobically. Anaerobe Systems Brucella Blood Agar (AS-111) can be used to analyze colony morphology and purity. Good growth was observed on pre-reduced Brucella blood plates incubated anaerobically.

VPI 0989, the type strain in the Approved Lists of Bacterial Names was deposited in ATCC® (ATCC 25578) but was lost in both collections. A different isolate, VPI 0990 = ATCC 33656 = CIP 105953, from the same fecal sample has been deposited to represent the type strain. Because these isolates came from the same sample, Moore and Holdeman Moore believe that they are the same strain. According to Rule 18c, a neotype strain must be proposed in the IJSB (now IJSEM) and the proposal by Moore and Holdeman Moore is illegitimate. The neotype strain VPI 0990 = ATCC 33656 = CIP 105953 is not an established neotype (see Rule 18c).

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: *Eubacterium rectale* (Hauduroy et al.) Prevot (ATCC 33656)

References

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

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Revision

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This information on this document was last updated on 2023-04-15

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