



Product Sheet

Acidaminococcus fermentans (ATCC®) 25085™

Please read this **FIRST**



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: *Acidaminococcus fermentans* (ATCC® 25085™)

Description

Designation: VR4

Deposited Name: *Acidaminococcus fermentans* Rogosa

Propagation

Medium

ATCC® Medium 510: *Acidaminococcus* medium (VR)

Growth Conditions

Temperature: 37.0°C

Atmosphere: Anaerobic

Propagation Procedure

1. Open vial according to enclosed instructions.

2. Under anaerobic conditions, withdraw 0.5 ml of the recommended broth from a single test tube (5 to 6 ml) and rehydrate the entire vial contents.

3. Aseptically transfer this aliquot back into the broth. Additional tubes of broth may be inoculated with 0.5 ml each from the suspension, and 0.1 ml may be inoculated onto a slant. Streak several blood plates to check for colonial morphology and purity.

4. Incubate tubes under an anaerobic atmosphere at 37°C. Incubate one agar plate anaerobically and one in air.

5. Within 48 hours, growth is evident by turbidity and smooth sediment in the broth and by colonies on the anaerobic agar surfaces. On #260 agar, colonies are small, circular, with an entire margin, convex elevation and smooth glistening surface. No growth should occur on the plate incubated in air. Cells are large cocci occurring singly and in pairs.

ANAEROBIC CONDITIONS:

Anaerobic conditions for transfer may be obtained by either of the following:

- Use of an anaerobic gas chamber, or
- Placement of test tubes under a gassing cannula system hooked to anaerobic gas.
- Use of stoppered tubes with transfer by syringe.

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

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

Notes

On #260 agar, colonies are small, circular, with an entire margin, convex elevation and smooth glistening surface. No growth should occur on the plate incubated in air. Cells are large cocci occurring singly and in pairs.

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: 1

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

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

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