



Product Sheet

Ruminococcus callidus (ATCC® 27760™)

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: *Ruminococcus callidus* (ATCC® 27760™)

Description

Designation: VPI S7-31

Deposited Name: *Ruminococcus callidus* Holdeman and Moore

Propagation

Medium

ATCC® Medium 1016: Chopped meat carbohydrate medium (ATCC Medium 593) with rumen fluid

Growth Conditions

Temperature: 37.0°C

Atmosphere: Anaerobic

Propagation Procedure

1. Perform all steps under anaerobic conditions (*see below*).
2. Thaw the frozen vial at room temperature under a gentle stream of oxygen-free gas.
- 3 **Transfer the entire contents of the thawed vial into a single tube (5-6 ml) of #1016 broth. Mix well. Inoculate a plate of a non-selective medium such as Tryptic Soy, Nutrient, or blood agar with 0.1 ml of the cell suspension.**
- 4 **Seal the tube with a rubber stopper and incubate anaerobically at 37°C. Incubate the plate(s) aerobically as a purity check.**
- 5 **After one or two days, growth should be evident by turbidity that is easily resuspended through out the broth by inverting the tube. Once growth has been established the culture should be transferred to fresh broth every 24 - 48 hours.**
6. This culture is sensitive to oxygen when initially thawed; therefore steps should be taken to avoid exposure to oxygen. When the culture exhibits good growth it will remain viable for up to 1 week if stored at 4°C under anaerobic conditions.

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.

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.

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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Or contact your local distributor



Product Sheet

Ruminococcus callidus **(ATCC® 27760™)**

confirmed to be accurate.

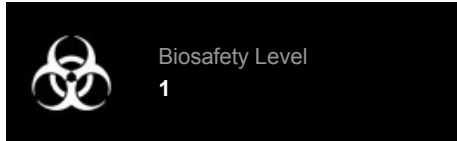
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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

Additional information on this culture is available on the ATCC web site at www.atcc.org.

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