Designation: VPI 2381 [B282, JCM 6325, VPI 4196]
Deposited Name: Bacteroides melaninogenicus subsp. melaninogenicus (Oliver and Wherry) Holdeman and Moore
Product Description: Type Strain. Genome sequencing strain.

Medium
ATCC® Medium 2863: Modified Chopped Meat Medium w/ 1 mg/L DHNA

Growth Conditions
Temperature: 37°C
Atmosphere: Anaerobic

Propagation Procedure
1. Open vial according to enclosed instructions.
2. Under anaerobic conditions, withdraw 0.5 mL of #2863 from a single test tube (5 to 6 mL) and rehydrate the entire vial contents.
3. Aseptically transfer this aliquot back into the broth tube. A brucella blood plate and a secondary broth may be inoculated. An aerobic blood plate may also be streaked to check for purity.
4. Incubate tubes and one plate under anaerobic conditions at 37°C. Incubate one blood plate aerobically at 37°C.
5. Within 24 to 48 hours, growth is evident by turbidity in the broth and colonies on an agar plate. No growth should occur on the blood agar plate incubated aerobically.

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 connected 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.

Notes
ATCC recommends Anaerobe Systems PRAS Brucella Blood Plate (AS-111 or AS-141). If grown on Anaerobic Brain Heart Infusion agar with 5% Laked (hemolyzed) Blood and supplemented with Vitamin K and Hemin, the black pigment production will be stronger and seen earlier.
Always use freshly prepared pre-reduced media or pre-reduced media that has been previously prepared but stored under anaerobic conditions. Resazurin in the media is a color indicator for anaerobic conditions. Observation of a pink color in medium before use, or during incubation, shows anaerobic conditions have not been met and oxidation has occurred. Medium should be discarded.
Purified genomic DNA of this strain is available as ATCC® 25845D-5™.

References
References and other information relating to this product are available online at www.atcc.org.
ATCC® product is a living cell or microorganism, ATCC lists the media formulation that has been found to be effective for this product. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this product. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans. While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of materials on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of such materials.

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.

© ATCC 2019. All rights reserved. ATCC is a registered trademark of the American Type Culture Collection. [06/11]

Prevotella melaninogenica
(ATCC® 25845™)

Please read this FIRST

Storage Temp.
Frozen: -80°C or colder
Freeze-Dried: 2°C to 8°C
Live Culture: See Propagation Section

Biosafety Level
2

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: Prevotella melaninogenica (ATCC® 25845™)