Designation: VPI C3-23 [DSM 749]
Deposit Name: Desulfomonas pigra Moore et al.
Product Description: Type Strain. Cytochrome C.

Medium
ATCC® Medium 1249: Modified Baar’s medium for sulfate reducers
ATCC® Medium 260: Trypticase soy agar/broth with defibrinated sheep blood

Growth Conditions
Temperature: 37°C
Atmosphere: Anaerobic gas mixture, 80% N₂-10% CO₂-10% H₂

Propagation Procedure
1. Open vial according to enclosed instructions or visit www.atcc.org for instructions.
2. Under anaerobic conditions aseptically rehydrate the entire pellet with approximately 0.5 mL of #1249 broth. Aseptically transfer the entire contents to a 5-6 mL tube of #1249 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary broth tubes. Best practice 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 48 to 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

Grows best in broth. Growth on agar may require extended incubation.

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

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.

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