Porphyromonas gingivalis (ATCC® BAA-1703™)

**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: Porphyromonas gingivalis (ATCC® BAA-1703™)

**Description**

**Designation:** FDC 381

**Medium**

ATCC® Medium 2722: Supplemented Tryptic Soy Broth/Agar
ATCC® Medium 260: Trypticase soy agar/broth with defibrinated sheep blood

**Growth Conditions**

**Temperature:** 37°C

**Atmosphere:** Anaerobic

**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 #2722 broth. Aseptically transfer the entire contents to a 5-6 mL tube of #2722 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 #2722 plate and/or #260 agar slant.
4. Incubate in an anaerobic atmosphere at 37°C for 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**

Colonies on Anaerobe Systems Brucella blood agar are circular, entire, convex smooth and white. Dark pigment development on Anaerobe systems Laked Blood Agar. No growth should occur on the blood agar plate incubated aerobically. Anaerobe Systems Brucella Agar (AS-111) is recommended for the analysis of colony morphology and purity.

According to information provided by the depositor menadione (vitamin K₃) can be used at a final concentration of 1.0µg/mL instead of vitamin K₁.

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:** 2

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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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.

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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.

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

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