



***Porphyromonas gingivalis* (Coykendall et al.) Shah and Collins**

BAA-308™

Description

Porphyromonas gingivalis strain W83 is a whole-genome sequenced bacterium that was isolated from a clinical specimen in Germany.

Strain designation: W83

Deposited As: *Porphyromonas gingivalis* (Coykendall et al.) Shah and Collins

Type strain: No

Storage Conditions

Product format: Freeze-dried

Storage conditions: 2°C to 8°C

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 2

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local

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or national agencies.

Product Sheet

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:

ATCC Medium 2722: Supplemented Tryptic Soy Broth/Agar

ATCC Medium 260: Trypticase soy agar/broth with defibrinated sheep blood

Temperature: 37°C

Atmosphere: Anaerobic

Handling Procedures

1. Open vial.
2. Under anaerobic conditions, withdraw approximately 0.5 to 1.0 mL of #2722 from a single test tube (5 to 6 mL) with a Pasteur or 1.0 mL pipette. Rehydrate

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the entire pellet.

3. Aseptically transfer this aliquot back into the broth tube. Mix well. Additional tubes of broth may be inoculated with 0.5 mL each from the suspension and 0.2 mL may be inoculated onto a slant. Streak several blood plates for colony morphology and purity.
4. Incubate the tubes and plate under anaerobic conditions at 37°C for 48 hours. Incubate the purity plate aerobically at 37°C. Turbid growth is evident in the broth at 48 hours.

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

This item may require growth to be established first in broth for 48-72 hours before culturing on agar and/or in additional broth.

ATCC® recommends PRAS Brucella Blood Plates from Anaerobe Systems® (AS-111 or AS-141).

Purified genomic DNA of this strain is available as ATCC® BAA-308D-5™.

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

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Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Porphyromonas gingivalis* (Coykendall et al.) Shah and Collins (ATCC BAA-308)

References

References and other information relating to this material are available at www.atcc.org.

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Revision

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This information on this document was last updated on 2024-10-25

Product Sheet

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