

Certificate of Analysis for HM-721

Bacteroides nordii, Strain CL02T12C05

Catalog No. HM-721

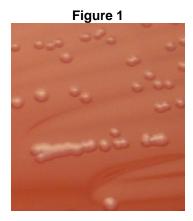
Product Description: Bacteroides nordii (B. nordii), strain CL02T12C05 was isolated from healthy adult human feces in Boston, Massachusetts, USA.

Lot^{1,2}: 63305770 Manufacturing Date: 03APR2015

| TEST | SPECIFICATIONS | RESULTS |
|--|--|--|
| Phenotypic Analysis | | |
| Cellular morphology | Report results | Gram-negative rods |
| Colony morphology ³ | Report results | Circular, low convex, entire, smooth and gray (Figure 1) |
| Motility (wet mount) | Report results | Non-motile |
| Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1430 base pairs) | ≥ 99% identical to GenBank: AGXS01000026 (<i>B. nordii</i> , strain CL02T12C05) | ≥ 99% identical to GenBank: AGXS01000026 (<i>B. nordii</i> , strain CL02T12C05) |
| Purity (post-freeze) Anaerobic growth ⁴ Aerobic growth ⁵ | Growth consistent with <i>B. nordii</i> No growth | Growth consistent with <i>B. nordii</i> No growth |
| Viability (post-freeze) ³ | Growth | Growth |

¹Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

⁵Purity of this lot was assessed for 4 days on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an aerobic atmosphere with 5% CO₂.



BEI Resources www.beiresources.org E-mail: contact@beiresources.org

Tel: 800-359-7370 Fax: 703-365-2898

²B. nordii, strain CL02T12C05 was deposited by Laurie E. Comstock, Ph.D., Associate Microbiologist, Department of Medicine, Channing Laboratory, Brigham and Women's Hospital, Harvard Medical School, Boston, Massachusetts, USA. HM-721 was produced by inoculation of the deposited material into Modified Chopped Meat medium and incubated for 43 hours at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood for 48 hours at 37°C in an anaerobic atmosphere to produce this lot.

³4 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

⁴Purity of this lot was assessed for 7 days on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an anaerobic atmosphere.



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Date: 13 JUL 2015 Signature:

BEI Resources Authentication

ATCC[®], on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC[®]'s knowledge.

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Tel: 800-359-7370

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