

Granulicatella adiacens, Strain CC94D

Catalog No. HM-1047

Product Description: *Granulicatella adiacens* (*G. adiacens*), strain CC94D was isolated in October 2010 from colonic biopsy tissue of a human subject in Victoria, British Columbia, Canada.

Lot¹⁻³: 62072053

Manufacturing Date: 05NOV2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology ⁴ Colony morphology ⁵ Motility (wet mount)	Gram-positive, pleomorphic cocci Report results Report results	Gram-positive, pleomorphic cocci No growth on agar observed ⁶ Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1410 base pairs)	≥ 99% identical to depositor's sequence Consistent with <i>G. adiacens</i>	≥ 99% identical to depositor's sequence Consistent with <i>G. adiacens</i>
Purity (post-freeze)⁷	Growth consistent with <i>G. adiacens</i> , strain CC94D or no growth observed ³	No growth observed
Viability (post-freeze)^{3,8}	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.

²*G. adiacens*, strain CC94D was deposited by Emma Allen-Vercoe, Assistant Professor, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. HM-1047 was produced by inoculation of the deposited material into Todd Hewitt broth supplemented with 100 mg/L of L-cysteine and incubated for 4 days at 37°C in an aerobic atmosphere with 5%CO₂. The material from the initial growth was passaged once in Todd Hewitt broth supplemented with 100 mg/L of L-cysteine for 4 days at 37°C in an aerobic atmosphere with 5%CO₂ to produce this lot.

³Growth on agar is not recommended for *G. adiacens*, strain CC94D and may not be reproducible.

⁴Cellular morphology depends upon the conditions of growth: *G. adiacens* is pleomorphic with chains including cocci, coccobacilli and globular and rod-shaped cells when it is grown in cysteine- or pyridoxal-supplemented broth; please refer to Collins, M. D. and P. A. Lawson. "The Genus *Abiotrophia* (Kawamura et al.) Is Not Monophyletic: Proposal of *Granulicatella* gen. nov., *Granulicatella adiacens* comb. nov., *Granulicatella elegans* comb. nov. and *Granulicatella balaenopterae* comb. nov." *Int. J. Syst. Evol. Microbiol.* 50 (2000): 365-369. PubMed: 10826824.

⁵4 days hours at 37°C in an aerobic atmosphere with 5%CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood

⁶This species is expected on grown on agar. If growth on agar is needed, additional growth conditions can be found in Christensen, J. J. and R. R. Facklam. "*Granulicatella* and *Abiotrophia* Species from Human Clinical Specimens." *J. Clin. Microbiol.* 39 (2001): 3520-3523. PubMed: 11574566.

⁷Purity of this lot was assessed for 11 days on Tryptic Soy agar with 5% defibrinated sheep blood on Tryptic Soy agar with 5% defibrinated sheep blood.

⁸4 days at 37°C in an aerobic atmosphere with 5%CO₂ in Todd Hewitt broth supplemented with 100 mg/L of L-cysteine

Date: 05 DEC 2014

Signature: 

Title: Technical Manager, BEI Authentication or designee

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