

Brevibacterium casei

Brevibacterium casei (*B. casei*) is an aerobic, [gram positive bacillus](#) to which the aroma and colour of cheese is attributed, and until not long ago it was postulated to be a cutaneous saprophyte ¹⁾ with no pathogenic ability. There are few cases of infections caused by this genus and they are mainly reported as a pathogen in immunocompromised patients ²⁾, catheter-related infections ³⁾, ⁴⁾

Brevibacterium casei is the most commonly reported species of *Brevibacterium* isolated from clinical specimens ⁵⁾.

Case reports

Dotchi et al. reported one case of [vertebral osteomyelitis](#) ⁶⁾.

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Gruner E, Pfyffer GE, von Graevenitz A. Characterization of *Brevibacterium* spp. from clinical specimens. *J Clin Microbiol.* 1993;31:1408-12.

²⁾ ³⁾
Bal ZS, Sen S, Karapinar DY, Aydemir S, Vardar F. The first reported catheterrelated *Brevibacterium casei* bloodstream infection in a child with acute leukemia and review of the literature. *Braz J Infect Dis.* 2015;19:213-5.

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Althaf MM, Abdelsalam MS, Alsunaid MS, Hussein MH. *Brevibacterium casei* isolated as a cause of relapsing peritonitis. *BMJ Case Rep.* 2014, <http://dx.doi.org/10.1136/bcr-2014-203611>.

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Gruner, E., Steigerwalt, A. G., Hollis, D. G., Weyant, R. S., Weaver, R. E., Moss, C. W., Daneshvar, M., Brown, J. M. & Brenner, D. J. (1994). Human infections caused by *Brevibacterium casei*, formerly CDC groups B-1 and B-3. *J Clin Microbiol* 32, 1511-1518

⁶⁾
Doutchi M, Seng P, Menard A, Meddeb L, Adetchessi T, Fuentes S, Dufour H, Stein A. Changing trends in the epidemiology of vertebral osteomyelitis in Marseille, France. *New Microbes New Infect.* 2015 May 22;7:1-7. doi: 10.1016/j.nmni.2015.04.008. PMID: 26110060; PMCID: PMC4475833.

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