

**Genomic DNA from *Citrobacter portucalensis*, Strain 4\_7\_47CFAA**

**Catalog No. HM-299D**

**For research use only. Not for human use.**

**Contributor:**

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**Manufacturer:**

BEI Resources

**Product Description:**

Genomic DNA was extracted from a preparation of *Citrobacter portucalensis* (*C. portucalensis*), strain 4\_7\_47CFAA. *C. portucalensis*, strain 4\_7\_47CFAA was isolated in 2007 from inflamed biopsy tissue taken from the sigmoid colon of a 25-year-old female patient with Crohn's disease in Calgary, Alberta, Canada.<sup>1,2</sup> *C. portucalensis*, strain 4\_7\_47CFAA (HMP ID 9428) is a reference genome for [The Human Microbiome Project](#) (HMP). HMP is an initiative to identify and characterize human microbial flora. The complete genome of *C. portucalensis*, strain 4\_7\_47CFAA was sequenced at the [Broad Institute](#) (GenBank: [ADLG00000000](#)).

HM-299D has been qualified for PCR applications by amplification of approximately 1500 base pairs of the 16S ribosomal RNA gene.

**Note:** *C. portucalensis*, strain 4\_7\_47CFAA was previously classified as *Citrobacter freundii*. The HMP material used for DNA extraction was taxonomically classified by the depositor. Quality control of HMP organisms is only performed to demonstrate that the material produced by BEI Resources is identical to the deposited material.

**Material Provided:**

Each vial contains 0.7 to 1.5 µg of bacterial genomic DNA in TE buffer (10 mM Tris-HCl and 1 mM EDTA, pH ~ 8.0). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

**Packaging/Storage:**

HM-299D was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

**Citation:**

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH as part of the Human Microbiome Project: Genomic DNA from *Citrobacter portucalensis*, Strain 4\_7\_47CFAA, HM-299D."

**Biosafety Level: 1**

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. [Biosafety in Microbiological and Biomedical Laboratories](#). 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see [www.cdc.gov/biosafety/publications/bmbli5/index.htm](http://www.cdc.gov/biosafety/publications/bmbli5/index.htm).

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**References:**

1. Allen-Vercoe, E., Personal Communication.
2. *Citrobacter portucalensis*, strain 4\_7\_47CFAA ([HMP ID 9428](#))

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