

6



# Version 2 ▼

# DNA-Extraction-ClostridiaProject V.2

### Tobias Wandt<sup>1</sup>

<sup>1</sup>Universität Leipzig

Works for me

This protocol is published without a DOI.

Oct 24, 2020

**Tobias Wandt** 

### ABSTRACT

Protocol used for DNA-Extraction of Clostridia in my project.

DNA-Kit used is GenFind V3 by Beckmann/Coulter.

# Some steps used from:

Sim JH, Anikst V, Lohith A, Pourmand N, Banaei N. Optimized Protocol for Simple Extraction of High-Quality Genomic DNA from Clostridium difficile for Whole-Genome Sequencing. J Clin Microbiol. 2015;53(7):2329-2331. doi:10.1128/JCM.00956-15

#### PROTOCOL CITATION

Tobias Wandt 2020. DNA-Extraction-Clostridia Project. protocols.io https://protocols.io/view/dna-extraction-clostridiaproject-bnw3mfgn Version created by Tobias Wandt

### LICENSE

This is an open access protocol distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

CREATED

Oct 24, 2020

LAST MODIFIED

Oct 24, 2020

PROTOCOL INTEGER ID

43707

**ABSTRACT** 

Protocol used for DNA-Extraction of Clostridia in my project.

DNA-Kit used is GenFind V3 by Beckmann/Coulter.

# Some steps used from:

Sim JH, Anikst V, Lohith A, Pourmand N, Banaei N. Optimized Protocol for Simple Extraction of High-Quality Genomic DNA from Clostridium difficile for Whole-Genome Sequencing. J Clin Microbiol. 2015;53(7):2329-2331. doi:10.1128/JCM.00956-15

### Growing and Preparing Clostridia

Inoculate Clostridia in 10ml TSB-Broth, incubating at least 48h in anaerobe atmosphere at 37°C

2d

■10 mL TSB broth (§ 48:00:00 at 37°C anaerobic

Take 2ml of Clostridia TSB-Broth and centrifuge for 15min at 3,000g, after that remove supernatant

15m

■2 mL Clostridia TSB broth © 00:15:00 centrifuge at 3000g

1h