

Genomic DNA from *Cryptococcus gattii*, Strain AIR265a

Catalog No. NR-50382

For research use only. Not for use in humans.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Genomic DNA was extracted from a preparation of *Cryptococcus gattii* (*C. gattii*), strain AIR265a, which is the progeny of a genotypic cross between *C. gattii* strains R265 and Alg166 and is one strain of a congenic pair.^{1,2}

NR-50382 has been qualified for PCR applications by amplification of approximately 1300 base pairs of 18S ribosomal RNA.

Material Provided:

Each vial contains 0.2 to 3.5 µg of fungal genomic DNA in 10 mM Tris-HCl and 1 mM EDTA, pH 8. The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-50382 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen 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: Genomic DNA from *Cryptococcus gattii*, Strain AIR265a, NR-50382."

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. 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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References:

- Idnurm, A., Personal Communication.
- Zhu, P., et al. "Congenic Strains for Genetic Analysis of Virulence Traits in *Cryptococcus gattii*." *Infect. Immun.* 81 (2013): 2616-2625. PubMed: 23670558.

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