

Brugia spp. Hha I Reverse Primer

Catalog No. NR-42616

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For research use only. Not for human use.

Contributor:

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Manufacturer:

Integrated DNA Technologies, Inc. (IDT[®])

Product Description:

The Hha I reverse primer is a 23 nucleotide diagnostic PCR primer² that amplifies the Hha I repeat from *Brugia* spp. when used with the Hha I forward primer (NR-42615). The Hha I repeat is a 322 base pair repetitive sequence that is present in all known *Brugia* spp.³ The sequence of the Hha I reverse primer is: 5'-GCGCAAACTTAATTACAAAAGC-3'.³

Material Provided:

Each vial contains approximately 20 µL of reverse primer in nuclease-free TE buffer (1 mM Tris-HCl, 0.1 mM EDTA, pH ~ 8). The concentration is shown on the Certificate of Analysis.

Packaging/Storage:

Primers were packaged aseptically in plastic cryovials. The product is provided frozen on dry ice and should be stored at -20°C or colder upon arrival. Freeze-thaw cycles should be minimized.

Citation:

Acknowledgment for publications should read "The following reagent was provided by the NIH/NIAID Filariasis Research Reagent Resource Center for distribution by BEI Resources, NIAID, NIH: *Brugia* spp. Hha I Reverse Primer, NR-42616."

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/bmbl5/index.htm.

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References:

1. Michalski, M. L., et al. "The NIH-NIAID Filariasis Research Reagent Resource Center." PLoS Negl. Trop. Dis. 5 (2011): e1261. PubMed: 22140585.
2. Hoti, S. L., et al. "Detection of *Brugia malayi* in Laboratory and Wild-caught *Mansonioides* Mosquitoes (Diptera: Culicidae) using Hha I PCR Assay." Bull. Entomol. Res. 91 (2001): 87-92. PubMed: 11260722.
3. Williams, S.A., Personal Communication.

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