

Brugia spp. Hha I Forward Primer

Catalog No. NR-42615

This reagent is the tangible property of the U.S. Government.

For research use only. Not for human use.

Contributor:

Steven A. Williams, Director of Filariasis Research Reagent Resource Center and Gates Professor, Department of Biological Sciences, Smith College, Northampton, Massachusetts, USA (Filariasis Research Reagent Resource Center¹ supported by Contract HHSN272201000030I, NIH-NIAID Animal Models of Infectious Disease Program)

Manufacturer:

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

Product Description:

The Hha I forward primer is an 18 nucleotide diagnostic PCR primer² that amplifies the Hha I repeat from *Brugia* spp. when used with the Hha I reverse primer (NR-42616). 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 forward primer is: 5'-GCGCATAAATTCATCAGC-3'.³

Material Provided:

Each vial contains approximately 20 µL of forward 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 Forward Primer, NR-42615."

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.

Disclaimers:

You are authorized to use this product for research use only. It is not intended for human use.

Use of this product is subject to the terms and conditions of the BEI Resources Material Transfer Agreement (MTA). The MTA is available on our Web site at www.beiresources.org.

While BEI Resources uses reasonable efforts to include accurate and up-to-date information on this product sheet, neither ATCC[®] nor the U.S. Government makes any warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. Neither ATCC[®] nor the U.S. Government warrants that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, use and disposal. ATCC[®] and the U.S. Government are not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, the U.S. Government, ATCC[®], their suppliers and contributors to BEI Resources are not liable for damages arising from the misidentification or misrepresentation of products.

Use Restrictions:

This material is distributed for internal research, non-commercial purposes only. This material, its product or its derivatives may not be distributed to third parties. Except as performed under a U.S. Government contract, individuals contemplating commercial use of the material, its products or its derivatives must contact the contributor to determine if a license is required. U.S. Government contractors may need a license before first commercial sale. This material may be subject to third party patent rights.

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.

ATCC[®] is a trademark of the American Type Culture Collection.

