

## *Wuchereria bancrofti* NV-1 Forward Primer

### Catalog No. NR-42617

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### 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 Center<sup>1</sup> supported by Contract HHSN272201000030I, NIH-NIAID Animal Models of Infectious Disease Program)

#### Manufacturer:

Integrated DNA Technologies, Inc. (IDT<sup>®</sup>)

#### Product Description:

The NV-1 forward primer is a 21 nucleotide diagnostic PCR primer that amplifies a 188 base pair product from the Ssp I repeat sequence from *Wuchereria bancrofti* (*W. bancrofti*) when used with the NV-2 reverse primer (NR-42618). The Ssp I repeat sequence is specific to all known geographic isolates of *W. bancrofti*. The sequence of the NV-1 forward primer is: 5'-CGTGATGGCATCAAAGTAGCG-3'.<sup>2</sup>

#### 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: *Wuchereria bancrofti* NV-1 Forward Primer, NR-42617."

#### 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](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

#### Disclaimers:

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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. Williams, S.A., Personal Communication.

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