

**Wuchereria bancrofti NV-1 Forward Primer**

**Catalog No. NR-42617**

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

**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'.

**Lot<sup>1,2</sup>: 61566458**

**Manufacturing Date: OCT2012**

TEST	SPECIFICATIONS	RESULTS
<b>Primer Characteristics</b>		
Molecular weight	Report results	6495 g/mol
Primer melting temperature (Tm)	Report results	54.0°C
GC content	Report results	52.4%
Primer concentration	Report results	100 µM
Moles of primer	Report results	2 nmoles per vial
Micrograms of primer	Report results	13 µg per vial

<sup>1</sup>NR-42617 lot: 61566458 was manufactured by Integrated DNA Technologies, Inc. (IDT®).

<sup>2</sup>The bulk material was thawed and aliquoted at ATCC®.

**Date:** 11 JUL 2013

**Signature:**



**Title:**

Technical Manager, BEI Authentication or designee

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the manufacturer to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

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