

**Brugia spp. Hha I Forward Primer**

**Catalog No. NR-42615**

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**Product Description:** The Hha I forward primer is an 18 nucleotide diagnostic PCR primer 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. The sequence of the Hha I forward primer is: 5'-GCGCATAAATTCATCAGC-3'.

**Lot<sup>1</sup>: 62868583**

**Manufacturing Date: 21AUG2014**

| TEST                            | SPECIFICATIONS | RESULTS           |
|---------------------------------|----------------|-------------------|
| <b>Primer Characteristics</b>   |                |                   |
| Molecular weight                | Report results | 5468 g/mol        |
| Primer melting temperature (Tm) | Report results | 46.0°C            |
| GC content                      | Report results | 44.4%             |
| Primer concentration            | Report results | 100 µM            |
| Moles of primer                 | Report results | 2 nmoles per vial |
| Micrograms of primer            | Report results | 10.9 µg per vial  |

<sup>1</sup>NR-42615 lot: 62868583 was manufactured by Integrated DNA Technologies, Inc. (IDT<sup>®</sup>).

**Date:** 15 OCT 2014

**Signature:** 

**Title:** Technical Manager, BEI Authentication or designee

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