

**Splice Leader Sequence 1 Primer**

**Catalog No. NR-42621**

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

**Product Description:** The Splice Leader Sequence 1 (SL-1) primer is a 22 nucleotide primer containing the splice leader sequence of *Brugia malayi*. The SL-1 nucleotides are trans-spliced to the 5' end of most filarial mRNA transcripts. The sequence of the SL-1 primer is: 5'-GGTTTAATTACCCAAGTTTGAG-3'.

**Lot<sup>1,2</sup>: 61566462**

**Manufacturing Date: OCT2012**

| TEST                            | SPECIFICATIONS | RESULTS           |
|---------------------------------|----------------|-------------------|
| <b>Primer Characteristics</b>   |                |                   |
| Molecular weight                | Report results | 6765 g/mol        |
| Primer melting temperature (Tm) | Report results | 49.0°C            |
| GC content                      | Report results | 36.4%             |
| Primer concentration            | Report results | 100 µM            |
| Moles of primer                 | Report results | 2 nmoles per vial |
| Micrograms of primer            | Report results | 13.5 µg per vial  |

<sup>1</sup>NR-42621 lot: 61566462 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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