

Wuchereria bancrofti Cut-1 Reverse Primer

Catalog No. NR-42620

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Product Description: The Cut-1 reverse primer is a 24 nucleotide primer designed for use with the Cut-1 forward primer (NR-42619) in quantitative real-time PCR detection of *Wuchereria bancrofti* (*W. bancrofti*) infective stage larvae (L3). The Cut-1 primer set amplifies 144 base pairs of an L3 activated cuticulin gene. The sequence of the Cut-1 reverse primer is: 5'-TTATGATAAACCGGTTGTCCAATG-3'. The *W. bancrofti* Cut-1 primer set is designed to be used with a dual labeled probe: 6FAM-TGCCTGTATGTCGATATGAGATTCTTGATG GTG-TAMRA™.

Lot^{1,2}: 61566461

Manufacturing Date: OCT2012

TEST	SPECIFICATIONS	RESULTS
Primer Characteristics		
Molecular weight	Report results	7367 g/mol
Primer melting temperature (Tm)	Report results	52.0°C
GC content	Report results	37.5%
Primer concentration	Report results	100 µM
Moles of primer	Report results	2 nmoles per vial
Micrograms of primer	Report results	14.7 µg per vial

¹NR-42620 lot: 61566461 was manufactured by Integrated DNA Technologies, Inc. (IDT®).

²The bulk material was thawed and aliquoted at ATCC®.

Date: 11 JUL 2013

Signature: 

Title: Technical Manager, BEI Authentication or designee

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