

**Schistosoma mansoni Microsatellite SMD43 Reverse Primer**

**Catalog No. NR-29382**

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**Product Description:** NR-29382 is a twenty nucleotide reverse primer designed to amplify microsatellite SMD43 from *Schistosoma mansoni* (*S. mansoni*) when paired with the forward primer (NR-29383). The sequence of the SMD43-R 20-mer is 5'-GGACAAAACGCGGGTCCTCCA-3'.

**Lot<sup>1</sup>: SMD43-R**

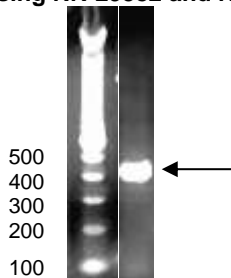
**Manufacturing Date: 29NOV2010**

TEST	SPECIFICATIONS	RESULTS
<b>PCR Amplification and Sequencing<sup>2</sup></b> Amplicon size NCBI blast of sequence	~ 400 base pairs Identical to GenBank: AF325697	~ 400 base pairs (Figure 1) Identical to GenBank: AF325697
<b>Primer Characteristics<sup>1</sup></b> Molecular weight Primer melting temperature (T <sub>m</sub> ) GC content Primer concentration Moles of primer Micrograms of primer	Report results Report results Report results Report results Report results Report results	6425 g/mol 66.5°C 61.9% 100 µM 15.1 nmoles per vial 96.9 µg per vial

<sup>1</sup>NR-29382 lot: SMD43-R was manufactured by Eurofins MWG Operon. Primer characteristics were determined by the manufacturer.

<sup>2</sup>PCR completed by the Biomedical Research Institute.

**Figure 1: PCR Amplification of *S. mansoni* Microsatellite SMD43 using NR-29382 and NR-29383**



**Date:** 12 APR 2012

**Signature:**

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

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