

Schistosoma mansoni, Microsatellite SMD28 Reverse Primer

Catalog No. NR-29389

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Product Description: NR-29389 contains a twenty nucleotide reverse primer designed to amplify the microsatellite SMD28 from *Schistosoma mansoni* (*S. mansoni*) when paired with the SMD28 forward primer.

Lot¹: SMD28-R

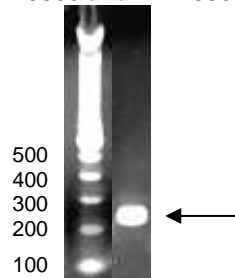
Manufacturing Date: 29NOV2010

TEST	SPECIFICATIONS	RESULTS
PCR Amplification and Sequencing² Amplicon size NCBI blast of sequence	200 to 245 base pairs Identical to GenBank: AF202966	~ 220 bp (Figure 1) Identical to GenBank: AF202966
Primer Characteristics¹ Molecular weight Primer melting temperature (T _m) GC content Primer concentration Moles of primer Micrograms of primer	Report results Report results Report results Report results Report results Report results	6116 g/mol 56.3°C 40.0% 100 µM 25.6 nmoles per vial 156.7 µg per vial

¹NR-29389 lot: SMD28-R was manufactured by Eurofins MWG Operon. Primer characteristics were determined by the manufacturer.

²PCR completed by the Biomedical Research Institute. Additional information is available in: Gower, C. M., et al. "Development and Application of an Ethically and Epidemiologically Advantageous Assay for the Multi-Locus Microsatellite Analysis of *Schistosoma mansoni*." *Parasitology* 134 (2007): 523-536. PubMed: 17096873.

Figure 1: PCR Amplification of Microsatellite SMD28 using NR-29388 and NR-29389



Date: 18 JAN 2012

Signature:

Title:

Technical Manager, BEI Authentication or designee

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