

Schistosoma mansoni Microsatellite SMD25 Reverse Primer

Catalog No. NR-29387

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

Product Description: NR-29387 is a twenty nucleotide reverse primer designed to amplify microsatellite SMD25 from *Schistosoma mansoni* (*S. mansoni*) when paired with the forward primer (NR-29386). The sequence of the SMD25-R 20-mer is 5'-TTGGTCATGTTTACACGGAT-3'.

Lot¹: SMD25-R

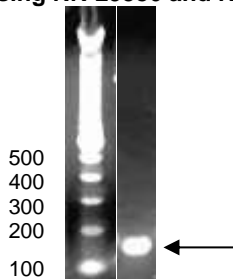
Manufacturing Date: 29NOV2010

TEST	SPECIFICATIONS	RESULTS
PCR Amplification and Sequencing² Amplicon size NCBI blast of sequence	~ 150 base pairs Identical to GenBank: AF202965	~ 150 base pairs (Figure 1) Identical to GenBank: AF202965
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	6138 g/mol 56.3°C 40.0% 100 µM 32.9 nmoles per vial 201.9 µg per vial

¹NR-29387 lot: SMD25-R was manufactured by Eurofins MWG Operon. Primer characteristics were determined by the manufacturer.

²PCR completed by the Biomedical Research Institute.

Figure 1: PCR Amplification of *S. mansoni* Microsatellite SMD25 using NR-29386 and NR-29387



Date: 12 APR 2012

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 contributor and 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.

ATCC® is a trademark of the American Type Culture Collection. You are authorized to use this product for research use only. It is not intended for human use.

