

Schistosoma mansoni, Microsatellite CA11-1 Reverse Primer

Catalog No. NR-29395

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Product Description: NR-29395 is a twenty nucleotide reverse primer designed to amplify microsatellite amplify CA11-1 region from *Schistosoma mansoni* (*S. mansoni*) when paired with the CA11-1 forward primer (NR-29394). The sequence of the CA11-1-R 20-mer is 5'-CGATTAATGTACGTTTCC-3'.

Lot¹: 61433253

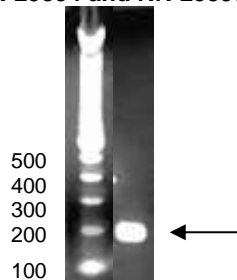
Manufacturing Date: 29NOV2010

TEST	SPECIFICATIONS	RESULTS
PCR Amplification and Sequencing² Amplicon size NCBI blast of sequence	191 to 231 base pairs Identical to GenBank: A1068336	~ 200 bp (Figure 1) Identical to GenBank: A1068336
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	6091 g/mol 54.2°C 35.0% 100 µM 3.0 nmoles per vial 18.2 µg per vial

¹NR-29395 lot: 61433253 was manufactured by Eurofins MWG Operon. Primer characteristics were determined by the manufacturer. The bulk material was thawed and aliquoted at ATCC®.

²PCR completed by the Biomedical Research Institute prior to vialing at ATCC®. 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 CA11-1 using NR-29394 and NR-29395



Date: 29 MAR 2013

Signature:

Title:

Technical Manager, BEI Authentication or designee

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