



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** Cryptosporidium parvum Primer Set

**Catalog Number:** 1558

**Lot Number:** 3 15 Sep 92 (Primer I - Forward)

**Release Category:** A

**Provided:** Two vials, 100 µM each (20 µl) DNA per vial, in water.

**Description:** Forward primer (CCGAGTTTGATCCAAAAAGTTACGAAG) corresponds to nt 444-469 of pHC1 (Catalog #1559). Reverse primer (GCTCCTCATATGCCTTATTGAGTA) represents nt 870-895.  
Primer I is a 22 oligonucleotide probe representing nt 444-469 of pHC-1 (Catalog #1559). The published nucleotide sequence is CCGAGTTTGATCCAAAAAGTTACGAA. Primer II represents nt 870-895. Nucleotide sequence: TAGCTCCTCATATGCCTTATTGAGTA. The sequence of Primer II as written here is the complementary, inverse sequence to what is shown in Figure 1 of the reference (Laxer et. al.).

**Special Characteristics:** Can be used for amplification of *C. parvum* DNA by PCR. A protocol for detection of *C. parvum* is included with all orders of Catalog #1559; if you did not order #1559 and would like a copy of the protocol, please contact the AIDS Reagent Program.

**Recommended Storage:** -70°C.

**Contributor:** Dr. Marc Laxer.

**References:** Laxer MA, Timblin BK, Patel RJ. DNA sequences for the specific detection of *Cryptosporidium parvum* by the polymerase chain reaction. *Am J Trop Med Hyg* 45:688-694, 1991.

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ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

**NOTE:**

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Cryptosporidium parvum Primer Set from Dr. Marc Laxer." Please include the reference cited above in any publications.

**Last Updated:**

June 21, 2013

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