



DATA SHEET

For research use only. Not for use in humans.

Reagent:	<i>Cryptosporidium parvum</i> Primer Set
Catalog Number:	ARP-1558
Lot Number:	Primer 1 (15SEP92) (F3-8E) Primer 2 (15SEP92) (F3-8E)
Release Category:	A
Provided:	ARP-1558 is available as a two-vial set, each containing approximately 20 microliters (100 micromolar) of DNA in water.
Description:	<p>ARP-1558 is a primer set for the amplification of <i>Cryptosporidium parvum</i> (<i>C. parvum</i>) DNA by PCR.</p> <p>Primer I (forward primer) is a 22 oligonucleotide probe representing nucleotides 444 to 469 of pHc-1 (ARP-1559); the published nucleotide sequence is CCGAGTTTGATCC AAAAAGTTACGAA. Primer II (reverse primer) represents nucleotides 870 to 895. The sequence of Primer II, TAGCTCCTCATATGCCTTATTGAGTA, is the complementary, inverse sequence to what is shown in Figure 1 of the reference (Laxer, M. A, et al. 1991).</p>
Recommended Storage:	Keep at -80°C for long-term storage. Avoid freeze-thaw cycles as reagent degradation may result.
Contributor:	Dr. Marc Laxer
Citation:	Acknowledgment for publications should read "The following reagent was obtained through the NIH HIV Reagent Program, Division of AIDS, NIAID, NIH: <i>Cryptosporidium parvum</i> Primer Set, ARP-1558, contributed by Dr. Marc Laxer."
References:	Laxer, M. A, B. K. Timblin and R. J. Patel. "DNA Sequences for the Specific Detection of <i>Cryptosporidium parvum</i> by the Polymerase Chain Reaction." <i>Am. J. Trop. Med. Hyg.</i> 45 (1991): 688-694. PubMed: 1763795 .
Biosafety Level: 1	Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. <i>Biosafety in Microbiological and Biomedical Laboratories</i> . 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmbl5/index.htm .
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