

Genomic DNA from *Cryptosporidium parvum*, Isolate Iowa

Catalog No. NR-2519

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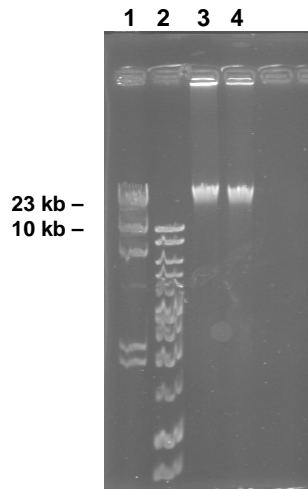
Product Description: Genomic DNA was isolated from a preparation of *Cryptosporidium parvum*, isolate Iowa.

Lot: 4735511

Manufacturing Date: NOV2005

TEST	SPECIFICATIONS	RESULTS
Agarose Gel Electrophoresis	High molecular weight genomic DNA (> 20 kb)	High molecular weight genomic DNA (> 20 kb) (see Figure 1)
PCR Amplification of COWP Gene Followed by RFLP Analysis	<i>Cryptosporidium parvum</i>	<i>Cryptosporidium parvum</i> (see Figure 2)
Concentration by PicoGreen® Measurement	Report results	100 ng/μL
Bacterial Genomic DNA	< 0.1%	< 0.1%

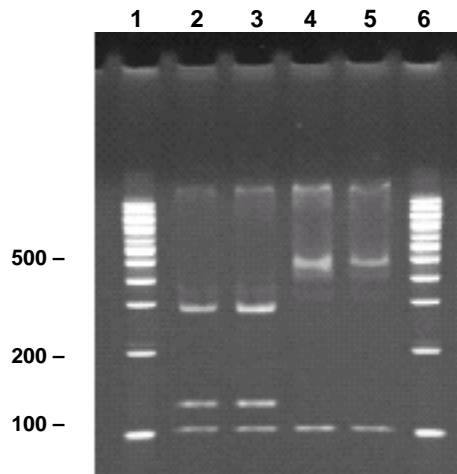
Figure 1



100 ng of genomic DNA was electrophoresed on a 0.8% agarose gel with DNA markers and stained with ethidium bromide.

Lanes 1 and 2: DNA ladders
 Lane 3: *Cryptosporidium hominis*, TU502
 (BEI Resources NR-2520)
 Lane 4: *Cryptosporidium parvum*, Iowa
 (BEI Resources NR-2519)

Figure 2



PCR reactions were performed using COWP primers (*Cryptosporidium*-specific) and the amplicons were digested with *Rsa* I. The digests were run on a 10% TBE PAGE gel.

Lanes 1 and 6: 100 bp DNA ladder (Promega G2101)
Lane 2: Standard, *Cryptosporidium hominis*, TU502
Lane 3: NR-2520
Lane 4: NR-2519
Lane 5: Standard, *Cryptosporidium parvum*, Iowa

Date: 07 NOV 2006

Signature: Signature on File

Title: Technical Manager, BEI Authentication

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