

Genomic DNA from *Cryptosporidium meleagridis*, Isolate TU1867

Catalog No. NR-2521

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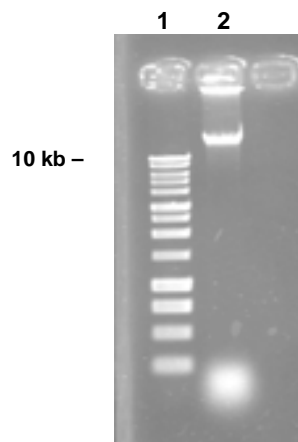
Product Description: Genomic DNA was isolated from a preparation of *Cryptosporidium meleagridis*, isolate TU1867.

Lot: 4735513

Manufacturing Date: FEB2006

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 meleagridis</i>	<i>Cryptosporidium meleagridis</i> (see Figure 2)
Concentration by PicoGreen® Measurement	Report results	10 ng/μL
Bacterial Genomic DNA	< 0.1%	< 0.1%

Figure 1

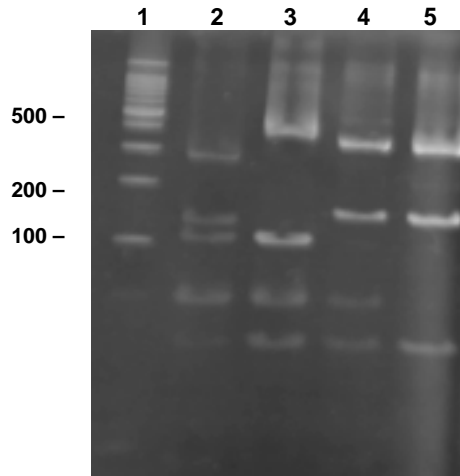


100 ng of genomic DNA was electrophoresed on a 0.8% agarose gel with DNA markers and stained with ethidium bromide.

Lane 1: DNA markers

Lane 2: *Cryptosporidium meleagridis*, TU1867 (NR-2521)

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.

Lane 1: 100 bp DNA ladder (Promega G2101)
Lane 2: Standard, *Cryptosporidium hominis*, TU502
Lane 3: *Cryptosporidium parvum*, Iowa
Lane 4: Standard, *Cryptosporidium meleagridis*, TU1867
Lane 5: NR-2521

Date: 07 NOV 2006

Signature: Signature on File

Title: Technical Manager, BEI Authentication

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