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

<table>
<thead>
<tr>
<th>TEST</th>
<th>SPECIFICATIONS</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agarose Gel Electrophoresis</td>
<td>High molecular weight genomic DNA (≥ 20 kb)</td>
<td>High molecular weight genomic DNA (≥ 20 kb) (see Figure 1)</td>
</tr>
<tr>
<td>PCR Amplification of COWP Gene Followed by RFLP Analysis</td>
<td><em>Cryptosporidium meleagridis</em></td>
<td><em>Cryptosporidium meleagridis</em> (see Figure 2)</td>
</tr>
<tr>
<td>Concentration by PicoGreen® Measurement</td>
<td>Report results</td>
<td>10 ng/µL</td>
</tr>
<tr>
<td>Bacterial Genomic DNA</td>
<td>&lt; 0.1%</td>
<td>&lt; 0.1%</td>
</tr>
</tbody>
</table>

**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)
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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