Toxoplasma gondii SAG1 Primer Set

Catalog No. NR-15426
This reagent is the tangible property of the U.S. Government.

Product Description: NR-15426 contains forward and reverse primers that specifically amplify the SAG1 gene of Toxoplasma gondii from Type I, II and III strains.

Lot: 58951686  Manufacturing Date: 15DEC2009

<table>
<thead>
<tr>
<th>TEST</th>
<th>SPECIFICATIONS</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCR Amplification (Figure 1)</td>
<td>~ 270 bp amplicon</td>
<td>~ 270 bp amplicon</td>
</tr>
<tr>
<td>Type I (DNA extracted from BEI Resources NR-10272)</td>
<td>~ 270 bp amplicon</td>
<td>~ 270 bp amplicon</td>
</tr>
<tr>
<td>Type II (BEI Resources NR-15430)</td>
<td>~ 240 bp amplicon</td>
<td>~ 240 bp amplicon</td>
</tr>
<tr>
<td>Type III (BEI Resources NR-15431)</td>
<td>No amplicons</td>
<td>No amplicons</td>
</tr>
<tr>
<td>Negative control [DNA extracted from Acinetobacter iwoffii (ATCC® 17925™)]</td>
<td></td>
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</tr>
</tbody>
</table>

Specificity
Specific for T. gondii SAG1
Specific for T. gondii SAG1

Concentration of each primer (µM)
Report results
5 µM

Figure 1

Lane 1: Invitrogen™ TrackIt 1 Kb Plus DNA Ladder™
Lane 2: T. gondii, type I (DNA extracted from BEI Resources NR-10272)
Lane 3: T. gondii, type II (BEI Resources NR-15430)
Lane 4: T. gondii, type III (BEI Resources NR-15431)
Lane 5: Negative control [DNA extracted from Acinetobacter iwoffii (ATCC® 17925™)]
Date: 17 JUL 2012

Signature: [Signature]

Title: Technical Manager, BEI Authentication or designee

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