

## ACANTHAMOEBA CASTELLANI DNA CONTROL

**MBC054:** Purified DNA of *Acanthamoeba castellani*.

### LOT SPECIFICATIONS:

**Microorganism:** *Acanthamoeba castellani*.

**Preparation:** Grown in ATCC 712 PYG culture medium.

### TECHNICAL DATA:

**Presentation:** Lyophilized.

**Concentration:** 50 ng/μl when reconstituted.

#### Instructions for reconstitution:

- 1.-Centrifuge 1 minute at 1000 g.
- 2.-Add 100 μl of sterile bidistilled water and mix until completely resuspended. The concentration will be 50 ng/μl.
- 3.-Shake with vortex for 30 seconds to dissolve and homogenize completely.

**Extract preparation:** SDS and proteinase K treatment, phenol/chloroform extraction and ethanol precipitation.

#### Shipping and storage:

Special transport conditions not required. Reconstitute upon receipt. Store between -5°C and -40°C after reconstitution. Avoid multiple freeze-thaw cycles as product degradation may result.

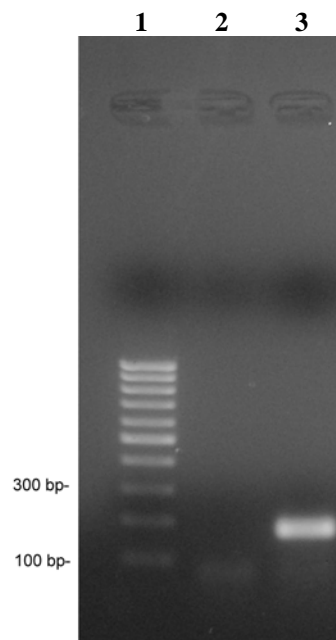
#### Recommendations and precautions:

This product is not for diagnostic use.

This product is for research use only.

This lot of DNA was prepared from *Acanthamoeba castellani*. The material should be handled and disposed of as potentially infectious. Observe the local regulations for clinical waste disposal.

**PCR analysis of DNA control:** PCR analysis was performed with a specific oligo pair on 50 ng of purified *Acanthamoeba castellani* DNA. The reaction produced a 180 bp fragment. It was visualized on a 2% agarose gel using ethidium bromide staining. The gel photograph is shown below:



Line	Sample
1	Molecular size marker (100 bp)
2	Negative control
3	180 bp amplified fragment

For inquiries please contact:  
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**REVISED: 07/2008**

#### FOR RESEARCH USE ONLY

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