

STREPTOCOCCUS PNEUMONIAE DNA CONTROL

MBC070: Purified DNA of *Streptococcus pneumoniae*.

LOT SPECIFICATIONS:

Microorganism: *Streptococcus pneumoniae*.

Preparation: Grown in blood agar 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.

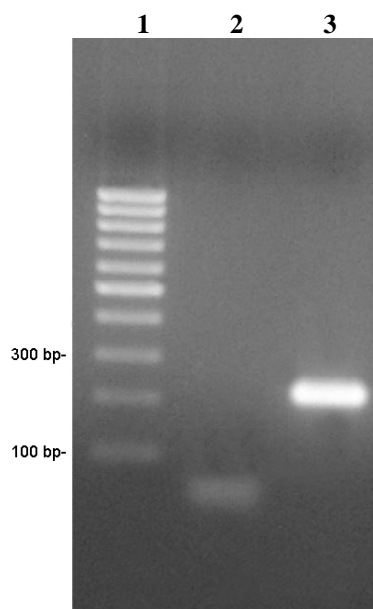
Shipping and storage:

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 *Streptococcus pneumoniae*. 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 *Streptococcus pneumoniae* DNA. The reaction produced a 229 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	229 bp amplified fragment

For inquiries please contact:
customerservice@vircell.com

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FOR RESEARCH USE ONLY

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