

SARS CORONAVIRUS (plasmid) DNA CONTROL

MBC017: Purified DNA of a specific protein clone from SARS coronavirus.

LOT SPECIFICATIONS:

Microorganism: A specific protein clone from SARS coronavirus.

Preparation: Plasmid extraction by bacterial clone.

COMPONENTS:

1 vial with lyophilized DNA of a specific protein clone from SARS coronavirus (1×10^4 - 1.5×10^4 copies/ μ l once reconstituted).
1 vial with the primers SARS-F and SARS-R lyophilized.

TECHNICAL DATA:

Presentation: Lyophilized.

Instructions for reconstitution:

DNA:

- 1.-Centrifuge the lyophilized DNA for 1 minute at 1000 g.
- 2.-Add 100 μ l of sterile bidistilled water and mix until completely reconstituted. The concentration will be 1×10^4 - 1.5×10^4 copies/ μ l once reconstituted.
- 3.-Shake with vortex for 30 seconds to dissolve and homogenize completely.

Primers:

- 1.-Centrifuge 1 minute at 1000 g.
- 2.-Add 250 μ l of sterile bidistilled water and mix until completely resuspended. The concentration will be 25 μ M.
- 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.

The DNA solution should be aliquoted in order to avoid repeated freezing and thawing.

By following the instructions for use, the product is stable until the expiry date stated on the labels.

Recommendations and precautions:

This product is not for diagnostic use.

This product is for research use only.

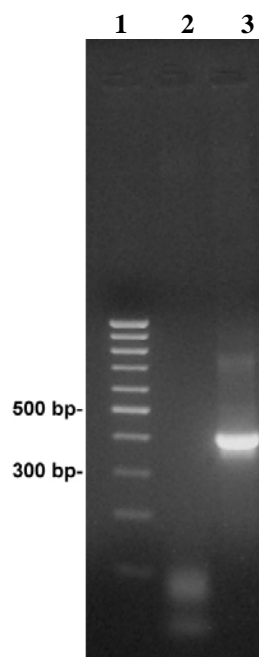
This lot of DNA was prepared from a specific protein clone from SARS coronavirus. The material should be handled and disposed

of as potentially infectious. Observe the local regulations for clinical waste disposal.

Nucleic acids should not be repeatedly frozed and thawed. It is recommended to reconstitute and aliquote the control upon reception.

The dilutions should be done just before use. Frozen of dilutions containing less than 1000 copies/ μ l is not recommended as copy numbers can be lose.

PCR analysis of DNA control: PCR analysis was performed with a specific oligo pair on purified a specific protein clone from SARS coronavirus DNA. The reaction produced a 405 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	405 bp amplified fragment

For inquiries please contact:
customerservice@vircell.com

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FOR RESEARCH USE ONLY

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