

NOVEL INFLUENZA A H1N1 RNA CONTROL

MBC082: Purified RNA of influenza A nH1N1 virus.

LOT SPECIFICATIONS:

Microorganism: Influenza A nH1N1 virus.

Preparation: Grown in MDCK infected cells.

COMPONENTS:

Lyophilized RNA of influenza A nH1N1 virus (more than 12500 copies/ μ l once reconstituted). RNA quantification has been performed with real-time PCR from Stratagene (ref. Mx3005P).

TECHNICAL DATA:

Presentation: Lyophilized.

Concentration: More than 12500 copies/ μ l once reconstituted.

Instructions for reconstitution:

- 1.-Centrifuge the RNA for 1 minute at 1000 g.
- 2.-Add 50 μ l of sterile bidistilled water and mix until completely reconstituted. The concentration will be of more than 12500 copies/ μ l once reconstituted.
- 3.-Shake with vortex for 30 seconds to dissolve and homogenize completely.

Extract preparation: Guanidine thiocyanate solubilization, 2 M sodium acetate treatment, phenol/chloroform extraction and ethanol.

Shipping and storage:

Special transport conditions not required. Reconstitute upon receipt. Store between -70°C and -90°C after reconstitution.

The RNA 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.

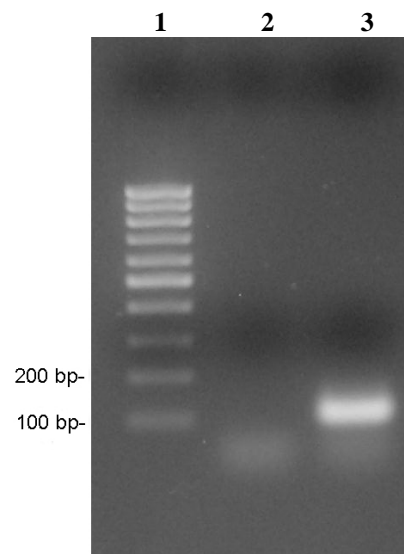
This product is for research use only.

This lot of RNA was prepared from influenza A nH1N1 virus. 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 frozen and thawed. It is recommended to reconstitute and aliquot the control upon reception.

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

RT-PCR analysis of RNA control: RT-PCR analysis was performed with a specific oligo pair on purified influenza A nH1N1 virus RNA. The reaction produced a 103 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	103 bp amplified fragment

For inquiries please contact:
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FOR RESEARCH USE ONLY

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