

Phoenix Virus NAT® Viral Sampling Kit

For professional use in laboratories only.

For in vitro diagnostic use only.

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Phoenix Virus NAT® Viral Sampling Kit – fast extraction for direct RT-qPCR

1. Product Content, Storage conditions and Shelf Life

Product	Size	Tests	Cat.No.
Phoenix Virus NAT® Viral Sampling Kit	<ul style="list-style-type: none">• 100 x 1 tubes with Phoenix Virus NAT® Viral Nucleic Acid Buffer• 100 swabs	100	PCCSKU16050

Shelf life at 2-8°C: 6 months

2. Intended Use

Phoenix Virus NAT® is a fast, simple and inexpensive method for preparing one to hundreds of samples for RT-PCR amplification. The provided swabs should be used for nasopharyngeal sampling and sample material can be immediately prepared for the PCR by swirling the swab shortly in the sampling tubes containing Phoenix Virus NAT®. The use of PhoenixDx® SARS-CoV-2 detection kits and PhoenixDx® SARS-CoV-2 Mutant Screen kits in combination with Phoenix Virus NAT® is recommended.

3. Storage of clinical specimens

Clinical specimens processed in Phoenix Virus NAT® can be stored at 2-8°C for up to 5 days.

4. Materials Required

1. Powder-free nitrile disposable gloves

5. Application Protocol

1. Take swab containing nasopharyngeal sample material and swirl the tip of the swab in the provided tube with Phoenix Virus NAT® Viral Nucleic Acid Buffer 4-5 times.
2. Remove swab from the tube and close the lid.
3. Incubate at room temperature for 5 minutes.
4. Sample can be used directly for PCR reaction or stored at 2-8°C.

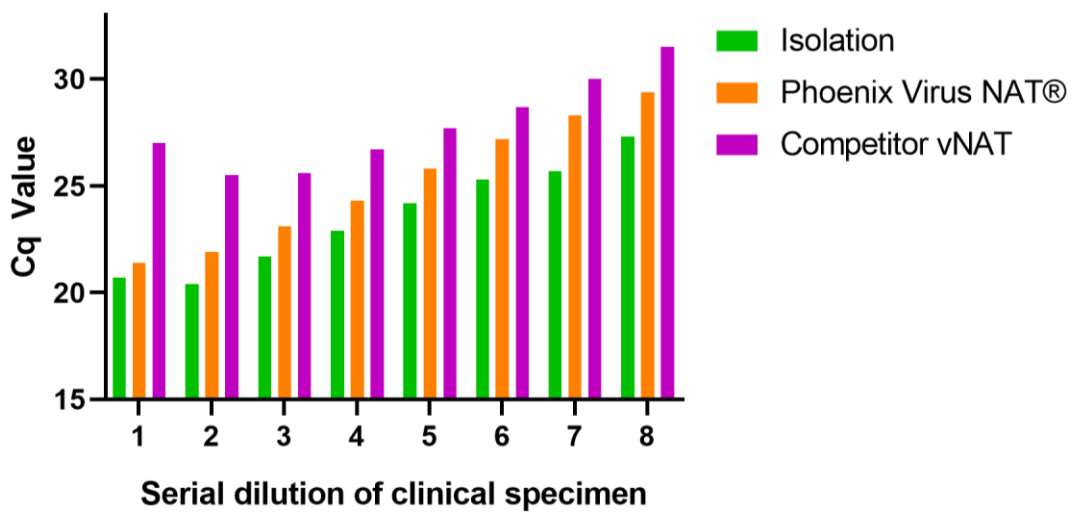
Example Setup for PhoenixDx® SARS-CoV-2 P681R Multiplex (Cat.No. PCCSKU15284) & PhoenixDx® SARS-CoV-2 N501Y Multiplex (Cat.No. PCCSKU15275):

Components (20 µl PCR reaction)	Volume
20X RT Enzyme Mix	1 µl
5X MTM Buffer	4 µl
P681R 4Plex Assay Mix or N501Y 3Plex Assay Mix	1 µl
Nuclease-free water	9 µl
Sample in Phoenix Virus NAT®	5 µl

6. Clinical Performance

Samples	Magnetic Bead Isolation		Phoenix Virus NAT® treatment		Competitor vNAT treatment	
	Positive	Negative	Positive	Negative	Positive	Negative
Swab samples (positive = 43)	43	0	43	0	37	6
Clinical sensitivity	100 %		100 %		87,7 %	
Swab samples (negative = 57)	0	57	0	57	0	57
Clinical specificity	100 %		100 %		100 %	

7. Method comparison



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2-8°C



our web shop: www.procomcure.com

or E-Mail: office@procomcure.com

Phoenix Virus NAT® is available as **bulk product** for assembling companies or users with substantial reaction numbers. If you are interested in bulk solutions, contact us at office@procomcure.com