

# INSTRUCTIONS FOR USE

**AviRNA**

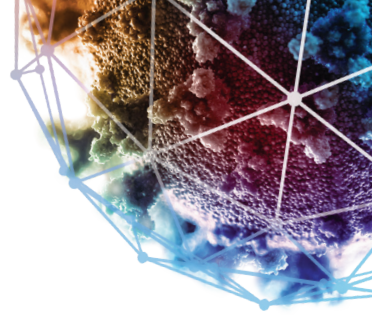
Viral RNA Extraction Kit

IVD

CE

REF

AVE-100



## INTRODUCTION

The AviRNA RNA Extraction Kit is suitable for high purity RNA extraction from swab lysate samples collected in ATM-1 Virus Transport Medium for in vitro diagnostic use.

Before using the kit, read the instructions and safety data sheet carefully!

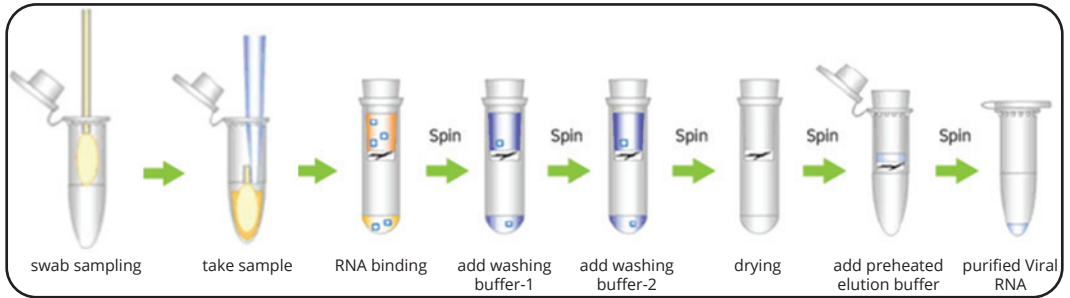
## KIT COMPONENTS

WB-1 Buffer	<b>55 ml × 1 piece</b>
WB-2 Buffer	<b>80 ml × 1 piece</b>
Elution Buffer	<b>2 ml × 3 pieces</b>
Binding Column	<b>100 pieces</b>
Collection Tube	<b>100 pieces</b>
1.5 ml tube (nuclease free)	<b>100 pieces</b>
User's Guide	<b>1 piece</b>

## INSTRUCTIONS FOR USE

1. Pair the binding columns with the collection tubes.
2. Take 650 µl ATM-1 solution (swab lysate sample) from the sample tube onto the binding column.
3. Close the tube and centrifuge for 1 minute at 13 000 RPM .
4. Discard the solution from the collection tube and reuse the collection tube.
5. Add 500 µl of WB-1 buffer to the binding column.
6. Close the tube and centrifuge for 1 minute at 13 000 RPM .
7. Discard the solution from the collection tube and reuse the collection tube.
8. Add 600 µl of WB-2 buffer to the binding column.
9. Close the tube and centrifuge the sample for 1 minute at 13 000 RPM.
10. Discard the solution from the collection tube and reuse the collection tube.
11. Centrifuge your sample again for 1 minute at 13 000 RPM to ensure that all WB-2 buffer was removed from the binding column.
12. Transfer the binding column to a 1.5 ml tube for elution.
13. Add 50 µl of Elution Buffer (preheated to 60 °C) onto the binding column and wait 1 minute.

14. Elute RNA by centrifugation into the lower tube for 1 minute at 13 000 RPM.
15. Store the purified sample containing RNA at -20°C until use or use it immediately for RT- qPCR analysis.



## STORAGE, TRANSPORT

Store and transport the kit between +18 and +25 °C. The product can be used until the date indicated on the label. Do not use the product after the expiration date!

## PROTECTIVE MEASURES

It is recommended to use protective gloves and glasses. When disposing the residues, good laboratory practice (GLP) must be followed. Do not use reagents from a leaking or damaged sample holder!

- ! **Avoid contact with skin!** (See safety data sheet enclosed with the product.)
- ! **Treat the resulting waste as solid medical care waste and make sure the disposal complies with the applicable environmental regulations!**

## PACKAGING

Kit contents are suitable for 100 RNA extraction procedure.

MORE INFORMATION: [www.whitereagens.com](http://www.whitereagens.com)

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