

AviRNA

Viral RNA Extraction kit

KIT COMPONENTS

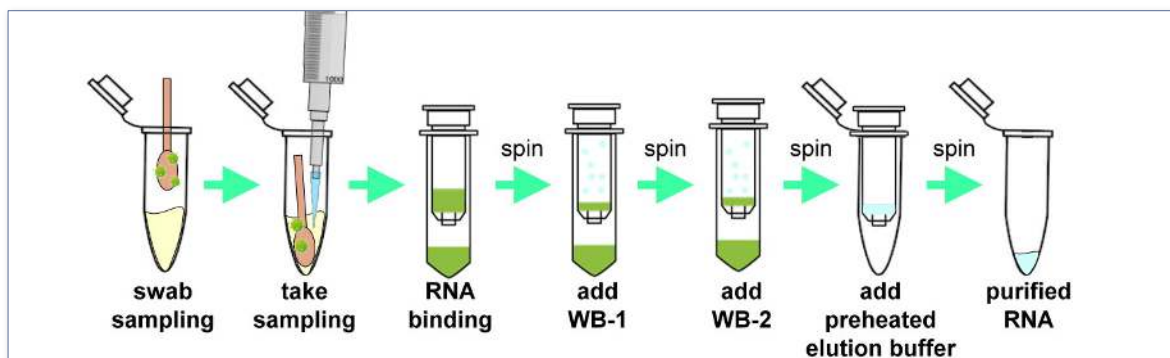
Components	REF. AVE-100
WB-1 Buffer	55 ml X 1 ea
WB-2 Buffer	80 ml X 1 ea
Elution Buffer	2 ml X 3 ea
Binding Column	100 ea
Collection Tube	100 ea
1.5 ml tube (nuclease free)	100 ea
User's Guide	1 ea

INTRODUCTION

The AviRNA Viral RNA Extraction kit is designed for a rapid and efficient purification of high-quality RNA from otolaryngological swabs transferred in ATM-1 buffer (ATM-1 Virus Transport Medium, REF: ATM-1, Avidin Ltd.). The kit utilizes spin minicolumns with membranes which efficiently and selectively bind nucleic acids from ATM-1 Virus Transport Medium. A two-step washing stage effectively removes impurities and enzyme inhibitors. Purified RNA may be used directly in RT-qPCR.

INSTRUCTION FOR USE

1. Pair the binding columns with the collection tube.
2. Place 650 μ L ATM-1 solution (swab lysate sample) from the sample tubes into 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 μ l 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 μ l of WB-2 buffer to the binding column
9. Close the tube and centrifuge the sample at 13.000 rpm for 1 minute
10. Discard the solution from the collection tube and reuse the collection tube
11. Centrifuge your samples again at 13.000 rpm for 1 minute to ensure that all WB-2 buffers are removed from the binding column
12. Transfer the binding column to a 1.5 ml tube for elution
13. Add 50 μ l of Elution Buffer (preheated to 60 °C) onto the Binding column and wait for 1 minute
14. Elute RNA by centrifugation into the lower tube at 13.000 rpm for 1 minute
15. Store the purified sample containing RNA at -20 °C until use or use it immediately for RT- qPCR analysis



LIMITATION

For *in vitro* diagnostic use

STORAGE AND 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 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

PACKAGE

Kit contents are suitable for 100 RNA extraction.

MANUFACTURER/DISTRIBUTOR



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Made in Hungary, EU

REF

AVE-100

IVD

