



# Anigen Viral RNA purification Kit

- *Rapid purification with high quality*
- *Complete removal of contaminations and inhibitors*
- *No organic extraction*
- *No alcohol precipitation*
- *High throughput*



## ■ Description

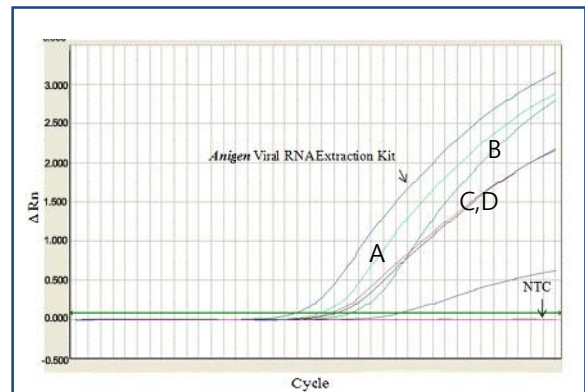
The Anigen Viral RNA Purification Kit provides a high-throughput, rapid and economical method to purify viral RNA from cell-free samples as serum, plasma, body fluids and the supernatant of viral infected cell culture. Viral RNA binds specifically to the silica membrane, and pure viral RNA is washed and eluted a buffer provided with the kit. RNA Binding wash and elution steps could be done on microcentrifuge. The entire procedure can be completed in 20~40 minutes and the eluted RNA is ready to be used in subsequent reactions.

## ■ Specification

- **Applications:** RT-PCR, PCR, Real-Time PCR, Real-Time RT-PCR
- **Cat. No:** RK50-90
- **Packing Size:** 250 RNA preps.
- **Sample Size:** Up to 200  $\mu\text{l}$  of fluids
- **Format:** Mini spin columns
- **Handling Time:** 20~30 minutes
- **Storage Conditions**

The Viral RNA Extraction Kit can be stored at room temperature (15~25°C) and stable for 2 year at room temperature at 15~25°C.

- **Contents**
  - Prep. Solution for 250 reactions
    - 1 bottle of 150 ml of binding buffer ,
    - 1 bottle of 100ml of washing buffer, 2 bottles of 50 ml of washing buffer
  - 1x carrier RNA(5 mg) for 250 reactions
  - 250 EA of Binding spin column
  - 250 EA of collection tubes (2 ml), 250 EA of collection tubes (1.5 ml)
  - 1 bottle of RNase free water (20 ml)



### Efficient extraction of viral RNA

AIV H5 RNA was purified using Anigen Viral RNA Extraction Kit or ultrafiltration-based kits (A, B, C, and D) from others suppliers. Purified RNA(5 $\mu\text{l}$  of each eluate) was analyzed by real-time PCR(ABI 7500) using the AniGen AIV H5 Real-time PCR Kit(Cat. No PD65-02.)