# AbaGen® ViroQuick Viral RNA Extraction Solution

## INSTRUCTIONS for USE (IFU)

**1. PRODUCT INFO**

**Name** : AbaGen® ViroQuick Viral RNA Extraction Solution
**Cat No** : ABA2021-ViroQuick
**Size** : 1 ml (100 rxn)
**Manufacturer** : Aba Ankara Biyoteknoloji Araştırma Sanayi ve Ticaret Ltd. Şti.

**2. Description**

ViroQuick Viral RNA Extraction Solution is a an extraction solution which allows quick viral RNA extraction ready for PCR, RealTime PCR, and Loop mediated isothermal AMPlification (LAMP) in just 5 minutes. ViroQuick can be used directly with VTM/UTM or mouth wash/gargle solution. ViroQuick Viral RNA Extraction Solution offer fast, easy and reliable extraction of viral RNA compatible with PCR, qPCR, LAMP, etc.

**3. Kit Components**

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|---|---|
| ViroQuick Viral RNA Extraction Solution | 1 ml (For 100 rxn) |

**4. Storage Conditions**

Store all contents at -20ºC in a freezer.

**5. Recommended Protocol**

1. ViroQuick Viral RNA Extraction Solution should be thawed on ice, gently mixed and briefly centrifuged before use.
2. Take 10 µl ViroQuick solution in 0.2 microcentrifuge tube.
3. Add 10 µl VTM/UTM or mouth wash/gargle solution to tube.
4. Incubate the mix at 95 ºC for 5 minutes.
5. Add 30 µl DNAse and RNAse free water.
6. Use 5 µl sample for additional applications such as qPCR, LAMP or etc.

**6. Quality Control**

**Figure 1.** RT-PCR amplification of the VTM samples. First lane is 100 bp marker, and 10 µl, 20 µl, 30 µl and 50 µl VTM solution used with 10 µl ViroQuick solution, respectively then incubated at 95ºC for 5 minutes.

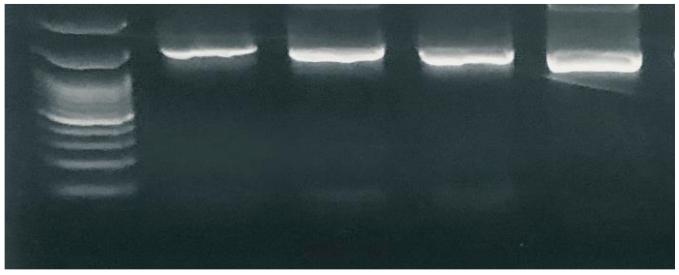

**Figure 2.** RT-qPCR amplification of the VTM sample. 10 µl VTM solution used with 10 µl ViroQuick solution incubated at 95ºC for 5 minutes. 5 µl of the mixture was used as an RNA template for the qPCR.

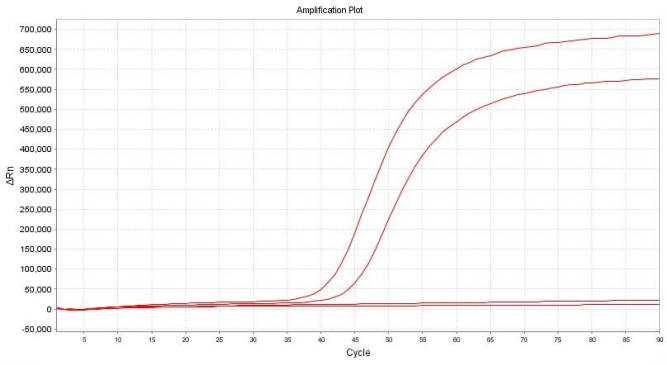


**Figure 3.** LAMP amplification of the VTM samples. 10 µl VTM solution used with 10 µl ViroQuick solution incubated at 95 ºC for 5 minutes. 5 µl of the mixture was used as an RNA template for the qPCR. (+): Positive results, (-): Negative results, PC: Positive Control, NC: Negative Control.