Sep 02, 2020

# RAPID RNA Extraction

DOI
dx.doi.org/10.17504/protocols.io.bkp8kvrw

Noah Toppings[1]

[1]University of Calgary

XPRIZE Rapid Covid Tes...

Daniel Castaneda Mogollon





**DOI: https://dx.doi.org/10.17504/protocols.io.bkp8kvrw**

**Protocol Citation:** Noah Toppings 2020. RAPID RNA Extraction. **protocols.io**
**https://dx.doi.org/10.17504/protocols.io.bkp8kvrw**



**Protocol status:** In development
**We are still developing and optimizing this protocol**

**Created:** September 02, 2020

**Last Modified:** September 02, 2020

**Protocol Integer ID:** 41440

**Keywords:** rna extraction, rna, extraction

## Disclaimer



## Troubleshooting

1 Add 140 µL saliva to 560 µL lysis buffer.

2 Shake the tubes violently by hand.

3 Incubate at 61 ºC for 5 min.

4 Apply entire 700 µL to spin column.

5 Spin at 8 kRCF for 1 min.

6 Remove flowthrough with a pipette.

7 Add 500 µL wash 1 to the column.

8 Spin at 8 kRCF for 1 min.

9 Remove flowthrough with a pipette.

10 Add 500 µL wash 2.

11 Spin at 8 kRCF for 2 min.

12 Transfer column to a new tube and add 50 µL elution buffer.

13 Spin at 8k RCF for 1 min.

14 Add to LAMP reactions.