

Sep 03, 2020

RT-LAMP Reaction

DOI

dx.doi.org/10.17504/protocols.io.bkp7kvrn

Noah Toppings¹

¹University of Calgary

XPRIZE Rapid Covid Tes...



Daniel Castaneda Mogollon

OPEN  ACCESS



DOI: dx.doi.org/10.17504/protocols.io.bkp7kvrn

Protocol Citation: Noah Toppings 2020. RT-LAMP Reaction. **protocols.io** <https://dx.doi.org/10.17504/protocols.io.bkp7kvrn>

License: This is an open access protocol distributed under the terms of the **Creative Commons Attribution License**, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

Protocol status: In development

We are still developing and optimizing this protocol

Created: September 03, 2020

Last Modified: September 03, 2020

Protocol Integer ID: 41439



Disclaimer

DISCLAIMER – FOR INFORMATIONAL PURPOSES ONLY; USE AT YOUR OWN RISK

The protocol content here is for informational purposes only and does not constitute legal, medical, clinical, or safety advice, or otherwise; content added to **protocols.io** is not peer reviewed and may not have undergone a formal approval of any kind. Information presented in this protocol should not substitute for independent professional judgment, advice, diagnosis, or treatment. Any action you take or refrain from taking using or relying upon the information presented here is strictly at your own risk. You agree that neither the Company nor any of the authors, contributors, administrators, or anyone else associated with **protocols.io**, can be held responsible for your use of the information contained in or linked to this protocol or any of our Sites/Apps and Services.



- 1 Add 9.5 μL extracted RNA + 15 μL resuspension buffer + 0.5 μL of dye to a lyophilized reaction pellet.
- 2 Mix reaction by pipetting.
- 3 Add 30 μL mineral oil on top of reaction.
- 4 Spin down the strip of tubes.
- 5 Incubate at 61 $^{\circ}\text{C}$ for 45 minutes.
- 6 Visualize reactions under a transilluminator.