

Sep 09, 2020

Thermal cycling of the PCR

DOI

dx.doi.org/10.17504/protocols.io.bk6jkzcn

philippe.bechtold¹

¹ETHZ - ETH Zurich

XPRIZE Rapid Covid Tes...



philippe.bechtold

Create & collaborate more with a free account

Edit and publish protocols, collaborate in communities, share insights through comments, and track progress with run records.

Create free account





DOI: https://dx.doi.org/10.17504/protocols.io.bk6jkzcn

Protocol Citation: philippe.bechtold 2020. Thermal cycling of the PCR. protocols.io

https://dx.doi.org/10.17504/protocols.io.bk6jkzcn

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 09, 2020

Last Modified: September 09, 2020

Protocol Integer ID: 41899

Keywords: thermal cycling, pcr

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only and does not constitute legal, medical, clinical, or safety advice, or otherwise; content added to protocols.io is not peer reviewed and may not have undergone a formal approval of any kind.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.

Troubleshooting



- 1 Incubation: 00:10:00 at 55°C
- 2 Initial Denaturation 60 00:03:00 at 92°C
- 3 45 cycles of the follwoing:
 - ♦ 00:00:25 at 55°C
 - **♦** 00:00:02 95°C

Fluorescence is measured at the end of each 55°C period.