



Modifying Biomeme Go-Strips / Go-Plates for use on a 3rd Party Thermocycler

Biomeme SARS-CoV-2 Go-Strips are designed for the Biomeme Franklin™ mobile handheld qPCR device but can also be run on the Bio-Rad CFX96, Applied Biosystems (ABI) 7500 Fast and/or QuantStudio5 using the “fast” block. This assay is also available in 96-well Go-Plates for higher throughput use cases. Modifying the Biomeme form factors for use on a third-party thermocycler is easy. Simply:

1. Remove the Go-Strip or Go-Plate from packaging. Do not yet place in thermocycler
2. Remove the foil or plastic cap covering the wells
3. Add 20 uL of purified sample to each well
 - a. Please see the “Quick Start Guide: Biomeme SARS-COV-2” for full instructions
4. Cover the wells with standard, optically clear PCR film (rather than the Biomeme void filling caps) before placing into thermocycler
5. Use the following thermocycling parameters to run your test:

Step	Temperature (°C)	Duration
RT Step	55	120 secs
Initial Denature	95	60 secs
Cycling Denature	95	1 sec
Annealing	60	20 secs
Extension	N/A	N/A
Melt Curve	N/A	N/A
Total Number of Cycles: 45		Total Reaction Volume: 20 uL

Questions?

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