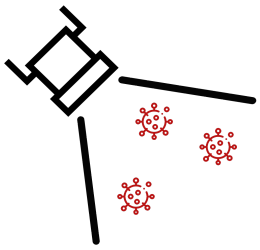
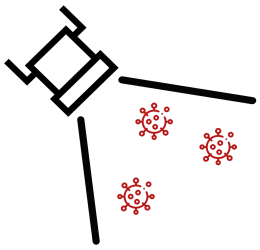
FloodLAMP BIOTECHNOLOGIES	Document Number:	SOP-105-B_1
	Effective Date:	08/26/2022
	Version:	1
	QuickColor Test Signage	

Print Format



1) Intake Sample Tubes

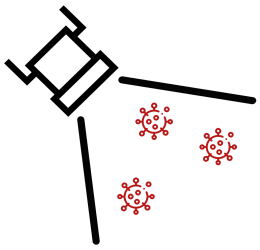
- **Clean tubes – spray wipe with ethanol/alcohol and wipe tubes**
- **Intake with App (can also do during Amp heating)**



2) Make 1X Inactivation Saline Solution

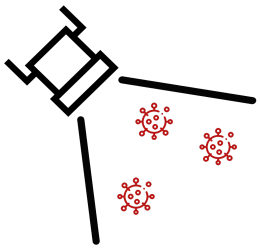
- **Add 100X Inactivation Solution to Saline**

Saline 5 mL	Saline 15 mL	Saline 50 mL
100X IS 50 µL	100X IS 150 µL	100X IS 500 µL



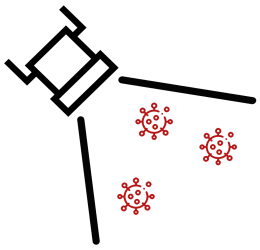
3) Add 1X Inactivation Saline Solution to Sample Tubes

- **Add 1mL of inactivation saline solution (1XISS) to each sample tube**
- **One sample tube open at a time**



4) Heat to Inactivate Samples

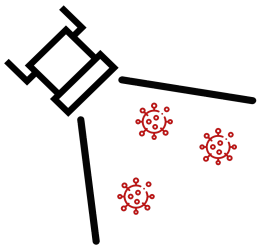
- **Water Bath (set at 99°C)**
  - **Heat 8 mintues**
  - **Cool 10 minutes**
- **Dry Heat Block for 1.5mL sample tubes (set at 95°C)**
  - **Heat 5 mintues**
  - **Cool 5 minutes**



5) Make Reaction Mix

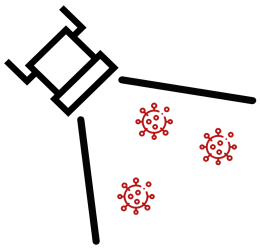
- **Add CLAMP MM and Primer Soln (PGS) to 1.5mL tube**
- **Aliquot into Strip8 tubes or 96 well PCR Plate**

8 Rxns	16 Rxns	24 Rxns	48 Rxns
PGS 92 µL	PGS 183 µL	PGS 275 µL	PGS 550 µL
CLAMP MM 109 µL	CLAMP MM 218 µL	CLAMP MM 328 µL	CLAMP MM 655 µL



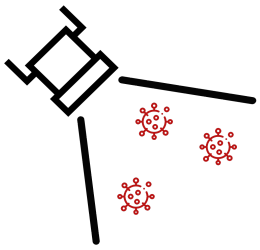
6) Add Sample to Reaction

- **Add 2µL from each sample tube to corresponding well**
- **Pipet up and down 5 times, blowout in liquid, tip touch**



7) Heat Amp Reactions

- **Heat at 65°C for 25 min**
- **Set personal timer (on phone) for 24 min**



8) Log and Report Results

- **Let samples cool for at least 1 minute before taking photo**
- **Crop and apply vivid filter**
- **Log Amp Run Form with QR code link**