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|---|--------------------------|-------------|
|  | Document Number: | SOP-103-A_1 |
| | Effective Date: | 01/22/2022 |
| | Version: | 1 |
| | Amplification - Run Form | |

PREP

- Heaters on (Heat indicator lit!)
- 1X Inactivation Saline Soln ready
- Reaction mix strip8/plates ready
- Safety Procedures:
 - lab coat
 - gloves
 - face mask
 - face shield or goggles
- Alcohol wipe sample tubes

| | |
|--------------------|------------------------------|
| QR CODE | Log Link: SOP-103-B_1 {SITE} |
| | Location: |
| | Name: |
| | Date: |
| | Time: |

INACTIVATION

- Add 1mL of 1X Inactiv Saline Soln to each sample tube
- Vortex 10sec (tubes) or 30sec (rack)
- Water Bath (set 99°C)
- OR**
 - Heat 8 min then Cool 10 min
 - Dry Heat Block (set 95°C)
 - Heat 5 min then Cool 5 min

| |
|---|
| Sample Batch ID (from App): |
| Inactiv Heater: |
| 1X Inactiv Saline Soln ID: |
| Dispense: Pipette or Manual Disp or Electric Disp |

AMPLIFICATION REACTION

- Thaw Reaction Mix (if frozen)
- Setup tips to align with reactions
- Add 2µL from each sample tube (pipet up& down 5X, blowout in liquid, tip touch)
- Heat 65°C for 25 min, set timer
- Intake sample tubes in App
- Put sample tubes in fridge
- Remove Reactions and Let cool for 1 min before photo
- Take photo in lightbox
- Crop photo and apply vivid filter
- Update results in App
- Log Run with Form link

| | |
|-------------------------------------|------------------------|
| Amp Heater: | Strip8 Tubes or Plates |
| Reaction Mix: Frozen or Fresh | |
| Reaction Mix ID: | |
| Num Reactions (including controls): | |
| Pos Ctrl ID: | |
| Neg Ctrl ID (today's 1XISS): | |
| Initial Inconclusives?: | |
| Notes: | |

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Lookup Map

| | 1 | 2 | 3 | 4 | 5 | 6 |
|-----|---|---|---|---|---|---|
| A 1 | | | | | | |
| B 2 | | | | | | |
| C 3 | | | | | | |
| D 4 | | | | | | |
| E 5 | | | | | | |
| F 6 | | | | | | |
| G 7 | | | | | | |
| H 8 | | | | | | |

| | 7 | 8 | 9 | 10 | 11 | 12 |
|-----|---|---|---|----|----|----|
| A 1 | | | | | | |
| B 2 | | | | | | |
| C 3 | | | | | | |
| D 4 | | | | | | |
| E 5 | | | | | | |
| F 6 | | | | | | |
| G 7 | | | | | | |
| H 8 | | | | | | |