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	PGS Verification - Run Form	

PREP

- Amp heaters on (Heat indicator lit!)
- Map out plate layout
- Printout these 2 pages out separate
- Label Reaction Mix tubes
 - 1.5mL EDLB tubes
 - 4 rxn per RM tube
 - 1 RM tubes per PGS batch (#68)
- Calc amount of CLAMP MM needed
 - 55 μ L x # batches = _____
 - Use single source tube
 - If larger run combine MM tubes
- Label strip8 tubes (or use plate)
- Make 1mL 1XISS (fill out on next pg)



Validation PGS
[Form Link](#)

Location: MBC


Name:

Date and Time:

RUN

- Get PCR cold block out 10min before - put plate or strip8 tubes in
- Get blue tube cold block out 10min before - keep all RM tubes in this
- Make Reaction Mixes for all tubes:
 - 1) Add 46 μ L of each PGS to each RM tube (making sure to match lot#s)
 - 2) Add 55 μ L of CLAMP MM to each RM Tube
 - 3) Vortex for 10s and centrifuge/shake down
 - 4) Add 23 μ L of reaction mix to each of 4 wells {at bottom, no blowout, no tip touch}
- After adding RM to all reconfigure POS strips together and NEG strips together
- Add NEG control (1XISS) to those columns/tubes - cap
- Prep Pos Control: TPC100 - thaw 30s, add 20uL of Ultra Pure water (clean glove!)
- Add POS - TPC50 to each POS tube PGS Lot#
Prefix_____

	POS	NEG	POS	NEG	POS	NEG	POS	NEG	POS	NEG	POS	NEG
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	1	2	3	4	5	6	7	8	9	10	11	12
A 1	POS 0040	NEG 0040										
B 2	POS 0040	NEG 0040										
C 3	POS 0041	NEG 0041										
D 4	POS 0041	NEG 0041										
E 5	POS 0042	NEG 0042										
F 6	POS 0042	NEG 0042										
G 7												
H 8												

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

	Amp Run Sheet Short Any System	version 1.3mod

AMPLIFICATION REACTION

- Thaw Reaction Mix (if frozen)
- Setup tips to align with reactions

Amp Heater:	Strip8 Tubes or Plates
Reaction Mix: Fresh	

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- 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

CLAMP MM Lot and EXP:
Num Reactions (including controls):
Pos Ctrl ID: TPC50 from TPC_ Ultrapure Water ID:
Neg Ctrl ID (today's 1XISS):
Initial Inconclusives?:
Notes: