Station A: SLP-005v2 COVID-19 Setup guide
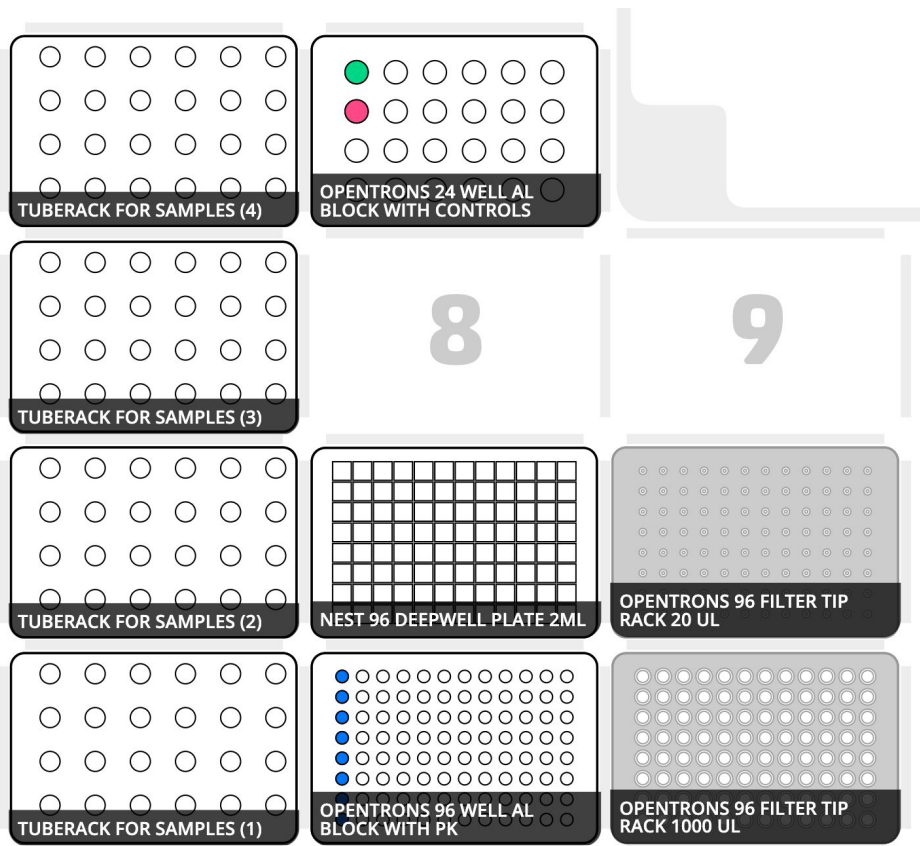
Code parameters:
- Change the sample number on line 13 (we start at 8)
- Change the sample volume on line 14 (default is 300µl)
- Tip rack tracking can be changed from False to True on line 15 (default is False)
- Control samples can be changed from 2 to any number (0 for no controls) on line 16
- The type of tubes must be same; the labware name can be changed on line 17
- Addition of PK can be automated (with P20 multi) if parameter is True on line 18

Pipettes:
- P1000 single channel on the right mount
- P20 multi channel on the left mount (if automating PK addition)
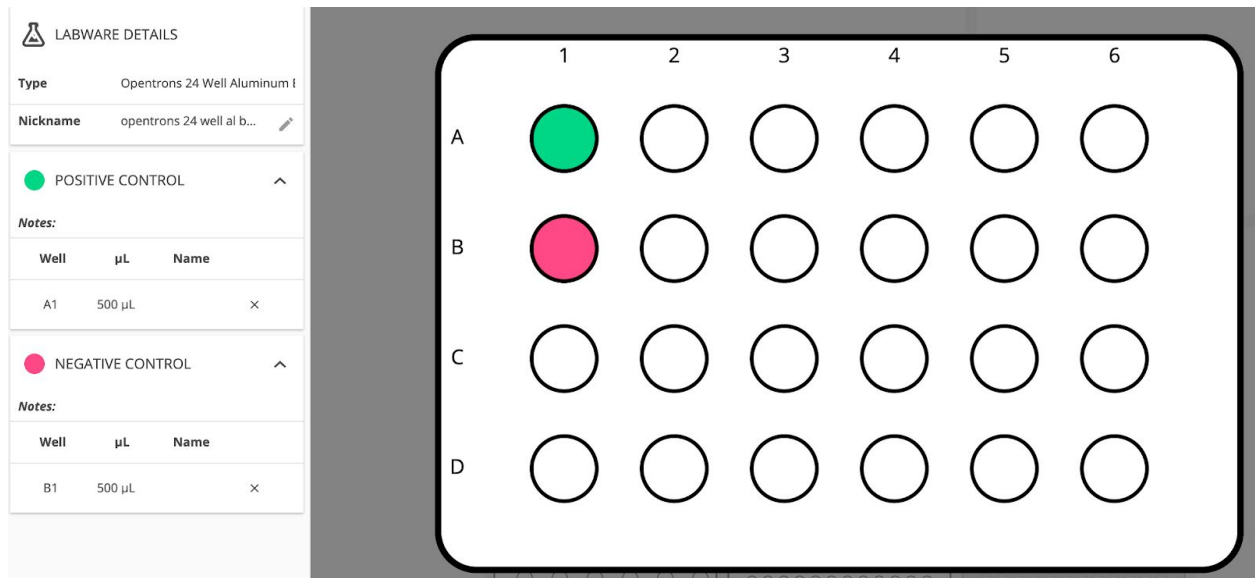
Deck Layout:

Labware and module requirements:
- 1 x 1000µl Tiprack
- 1 x NEST 96-Deepwell Plate, 2mL
- 1-4 x Source Tube Rack(s)
- 1 x 24 well aluminum block with tubes for controls (**if adding controls**)

- 1 x 200 µl PCR strip tubes on top of a 96 well aluminum block (**if adding PK**)
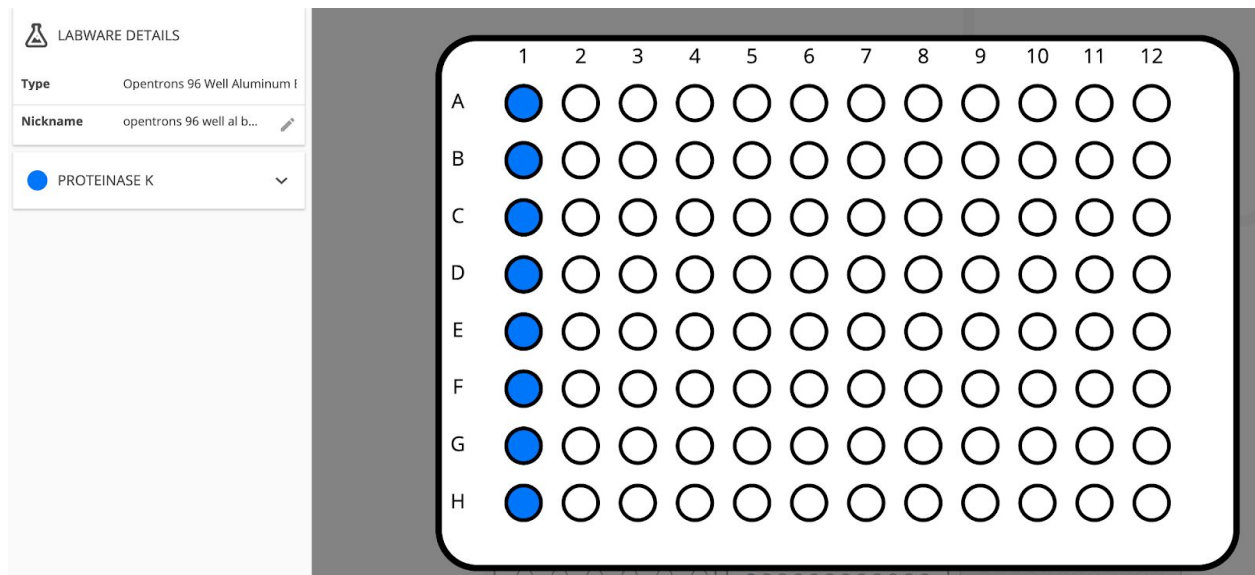- 1 x 20µl Tiprack (**if adding PK**)

Slot 11, 24 well aluminum block setup (if adding controls) -
Control 1 in A1, Control 2 in B1, etc. (there should be at least enough to equal your sample amount)

Slot 7, 96 well aluminum block setup (if adding Proteinase K) -
Load PCR strip tube with proteinase K

Before you begin:
1. Load samples into tube rack and ensure that correct definition is used in protocol file.
2. Load empty NEST 96-deepwell plate, 2mL for samples.
3. Load tipracks.
4. If automating control addition, load 24-well aluminum block with controls
5. If automating proteinase k addition, load 96-well aluminum block with PCR strip containing proteinase k.