	Job Aid

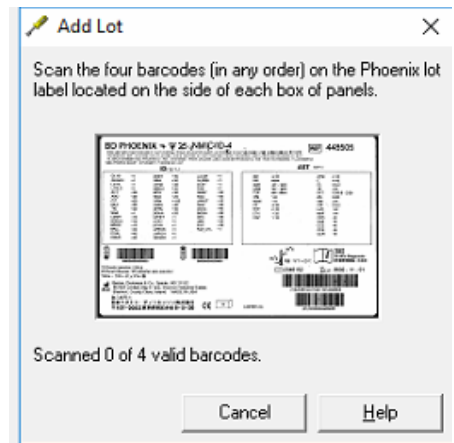| Document G_90_J_7_A   Author: T Ikanofi   Authorised: W Porau 3/9/22 Review: 3/9/24 |
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Phoenix-M50 Panel Quality Control Protocol

Registration of new Phoenix panels in EpiCenter upon arrival to the laboratory

1. Open Epicenter
2. Enter the 'Configuration' menu
3. Select 'QC' then 'Phoenix Panel Lots'

       ⊟ QC
           Phoenix Panel Lots

4. Click the barcode icon in the top-right of the screen
5. Scan all 4 barcodes on the front of the Phoenix panel box
6. Repeat the barcode scanning for each box of Phoenix panels received in the laboratory

Panel inoculation of specific organisms for QC

- NID/NMIC-502: E. coli ATCC 25922 or P. aeruginosa ATCC 27853
- PID/PMIC-84: S. aureus ATCC 29213 or E. faecalis ATCC 29212

NOTE: All organisms must be at least generation 2 (Freezer followed by two subcultures) or QC may fail.

1. Set up the panels with the correct QC organism as per 'Job Aid for Phoenix Panel Inoculation'
2. Once prepared, select 'QC Login' on the Epicenter
3. Scan the barcode on the back of the panel or manually type it in the 'Sequence' field. The 'Panel lot' and Expiry Date' should fill out automatically
4. Select 'Test Strain' and choose the appropriate ATCC organism
5. Add the scientist initials in the 'Tech ID' field
6. Press 'Save'
7. The panel can now be put in the Phoenix M50. To do this, press the 'Panel IN' button
8. Insert the panel into the machine

To review QC results

If QC failed, it will be listed under the 'Needs Attention List' on both the Epicenter and the Phoenix AIO.

1. From this list, select 'Repeat' and 'Save.' The QC protocol must then be repeated for that panel lot number. *If the QC fails a second time, discuss with the supervisor or Fleming lab mentor.*
2. To look at Passed QC results, select 'Reports' on the Epicenter, then 'QC Lab Report'.