

# McFarland ID/AST QC EPEESK Quick Start Guide for Accelerate PhenoTest® BC kit and Accelerate® Pheno System

Please refer to the instructions for use (IFU) and user guide to perform QC testing and for additional information.

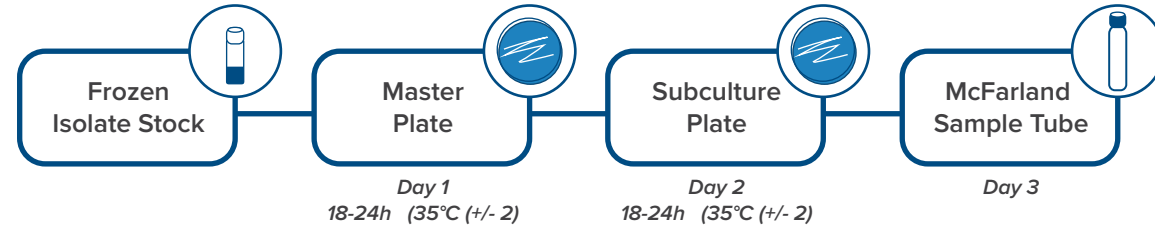
## NOTE: Subculturing from stock

Day 1: Perform Master Plate step: culture the 6 ATCC strains from frozen isolate stock to blood agar plates. Incubate the plates at 35°C (+/- 2) for 18h-24h.

Day 2: Perform Subculture Plate step: subculture the 6 ATCC strains from the master plates. Incubate the plates at 37°C for 18-24 h.

Day 3: Perform McFarland Sample Tube step: follow the QC protocol from the fresh colonies grown on subculture plates.

- If the plate demonstrates pure growth with adequate isolated colonies, proceed with testing.
- If the plate demonstrates mixed growth, discontinue testing.



1. Sub-culture isolates from refrigerated master plates 18-24 hours before performing QC.



2. Prepare the QC suspensions, load the cartridge and initiate the QC run within 15 minutes.



3. Fill 2ml of TSB into different McFarland tubes, one for each organism.



4. Ensure turbidity meter operation is verified to standards and zeroed out using Trypticase soy broth (TSB).



5. Prepare 0.5 McFarland for each QC strain.



6. Open the Accelerate PhenoTest BC kit and place the QC template on the cartridge. Remove the sample vial from the kit.



7. Use a sterile 100-1250ul pipette tip to manually puncture the cartridge wells.



8. Tightly cap QC sample tube, vortex for 5 seconds.



9. Pipette 600µl of each QC strain suspension with a calibrated pipettor into the corresponding empty cartridge well. Use Template Key on reverse side.



OPEN

10. Remove the QC template from reagent cartridge (disinfect both sides using an alcohol wipe) and press module button to open the Accelerate Pheno® system.



11. Load the cassette, turn clockwise, and load the cartridge into the Accelerate Pheno system and press module button to close.



12. Wait for Manual entry "Data Required" message and click "Tap to edit".



13. Select "Quality Control" tab and click on "Select QC Key/Assay".



14. Select **McFarland Quality Control** and press "Run QC" to initiate the QC run.

# McFarland ID/AST QC EPEESK Quick Start Guide for Accelerate PhenoTest® BC kit and Accelerate® Pheno System

Please refer to the instructions for use (IFU) to perform QC testing and for additional information.

## ID/AST

Quality Control Panel & Organism Key

### EPEESK Panel

- A1 *Escherichia coli*  
ATCC® 25922™
- B1 *Escherichia coli*  
ATCC® 35218™
- A2 *Staphylococcus aureus*  
ATCC® 29213™
- B2 *Enterococcus faecalis*  
ATCC® 29212™
- A3 *Pseudomonas aeruginosa*  
ATCC® 27853™
- B3 *Klebsiella pneumoniae*  
ATCC® 700603™

## QC Template

