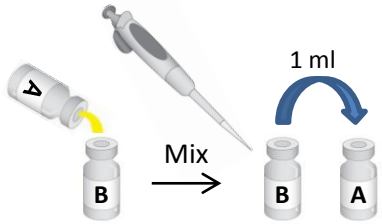
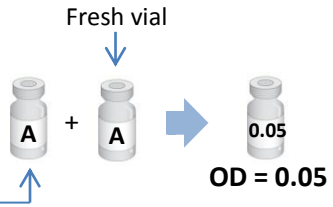
1. Rehydrate bacteria and incubate at 37°C overnight.

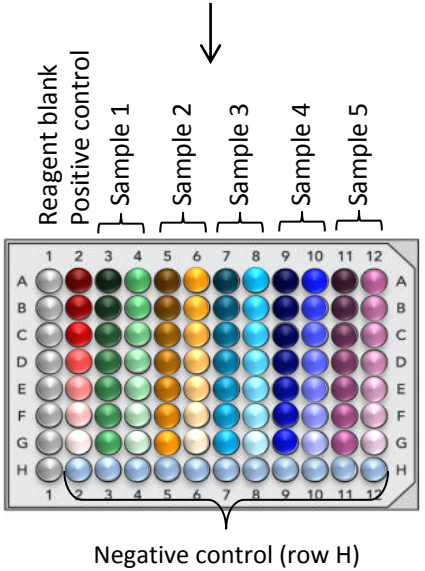


Incubate overnight at 37°C

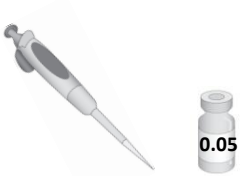
2. Measure absorption of 600 nm ± 20 nm light. Dilute bacterial suspension to give optical density = 0.05.



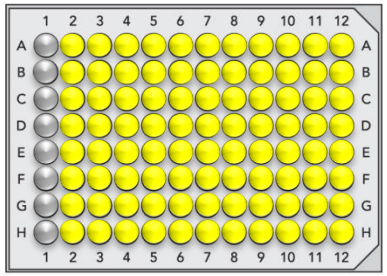
OD = 0.05



3. Prepare the plate by performing serial dilutions for the positive control and all samples.

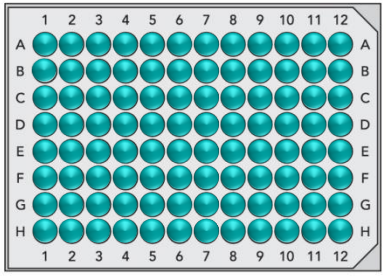


4. Add 100 µL of diluted bacterial suspension to every well except for those containing reagent blank.

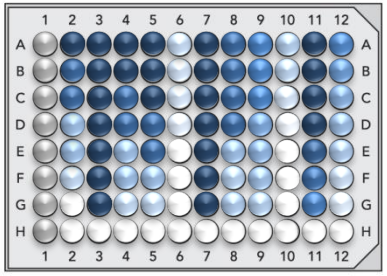


Incubate at 37°C for 2 hours.

5. Add 100 µL of chromogen to each well.



Incubate at 37°C for 30 minutes.



6. Evaluate results visually and/or using a plate reader. Perform results analysis using EBPI's bioinformatics spreadsheet.