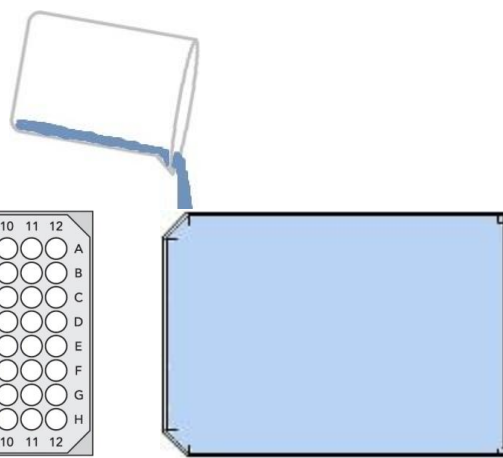
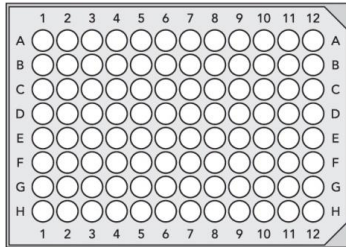
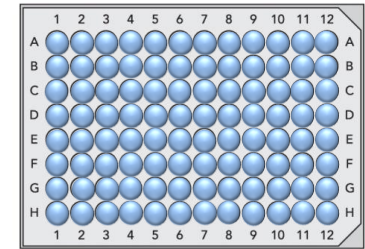


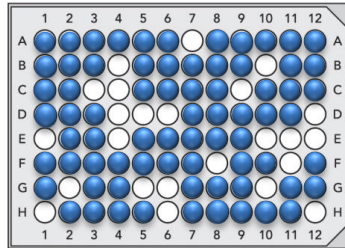
1. Pour water sample (20 – 30 mL) into the microplate lid.



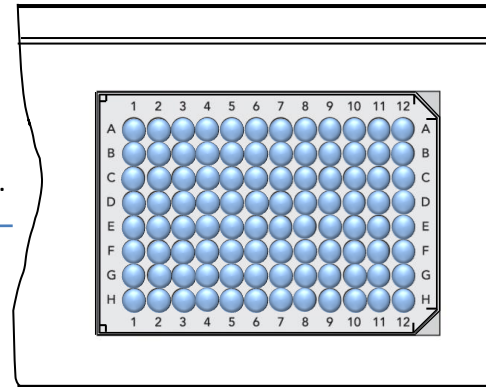
2. Using a multi-channel pipette, dispense 200 μ L of water sample to each well of the 96 well microplate.



5. Count the number of blue wells and refer to MPN table* to determine the Most Probable Number of Total Coliforms in 100 mL of water.

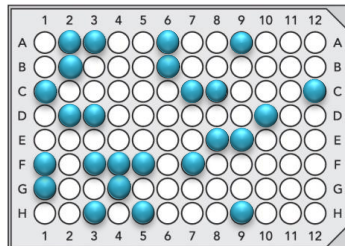


4. Incubate at 35°C for 24 hours.



3. Discard remaining water from the lid. Use the same lid to cover the microplate. Insert the microplate into a zip-loc bag.

6. Observe the plate under long UV (366 nm) light.



7. Count the number of that were both blue and fluorescent under the UV light and refer to the MPN table* to determine the Most Probable Number of Total *E. coli* in 100 mL of water.

* EBPI's excel sheet can also be used instead of the MPN table.