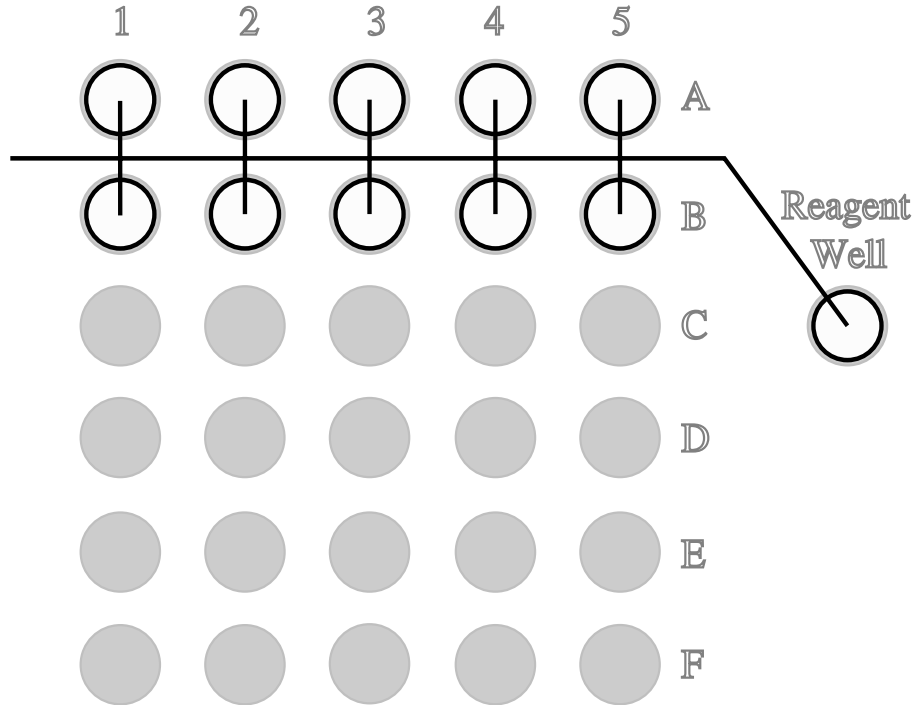


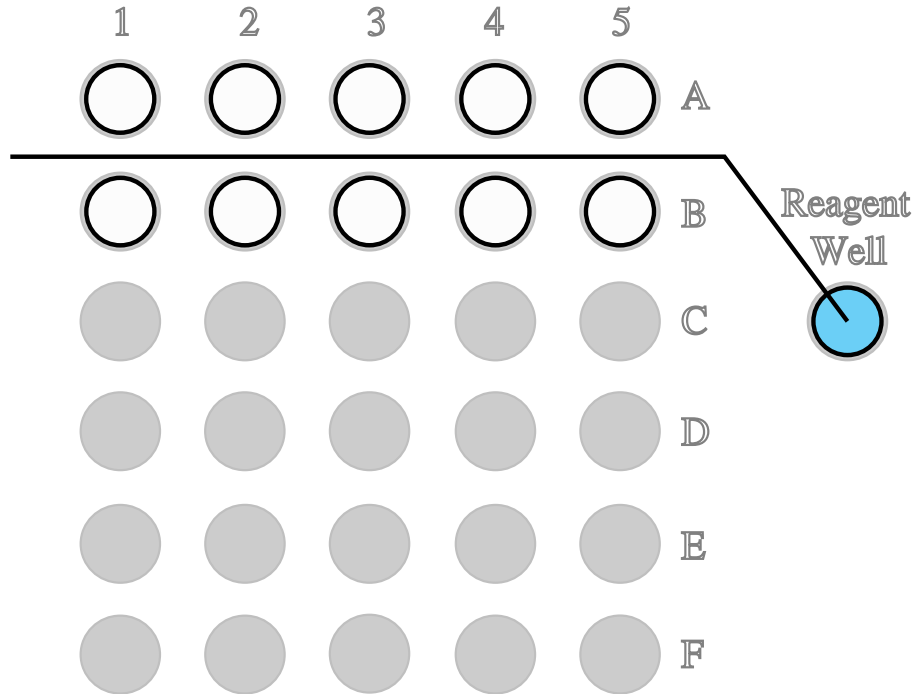
Basic Test

- Place cuvettes in incubator wells:
A1 through A5
B1 through B5
Reagent Well



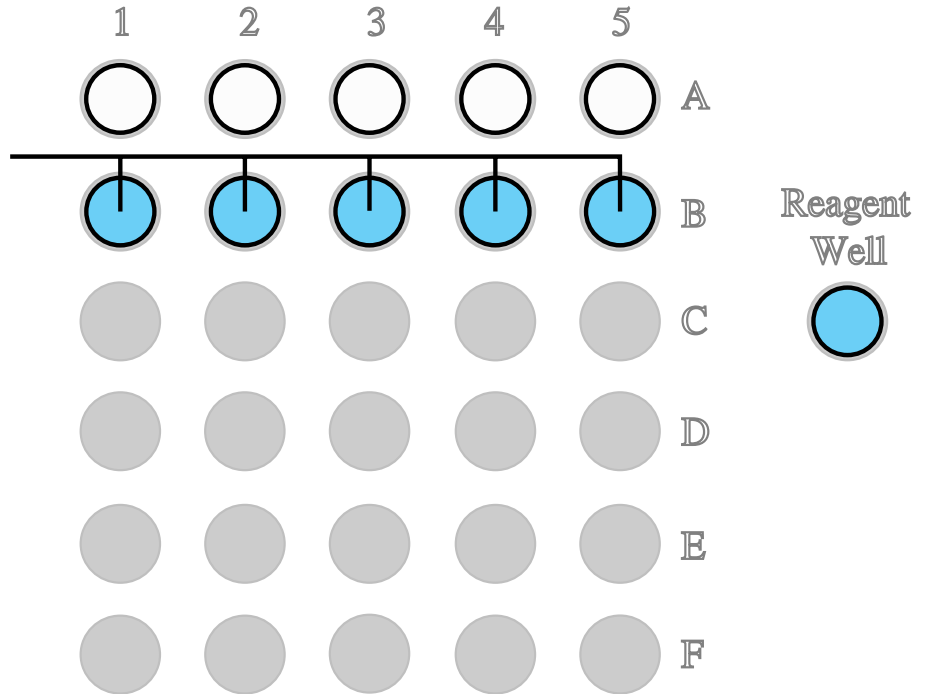
Basic Test

- Add 1,000 μL Reconstitution Solution to Reagent Well.



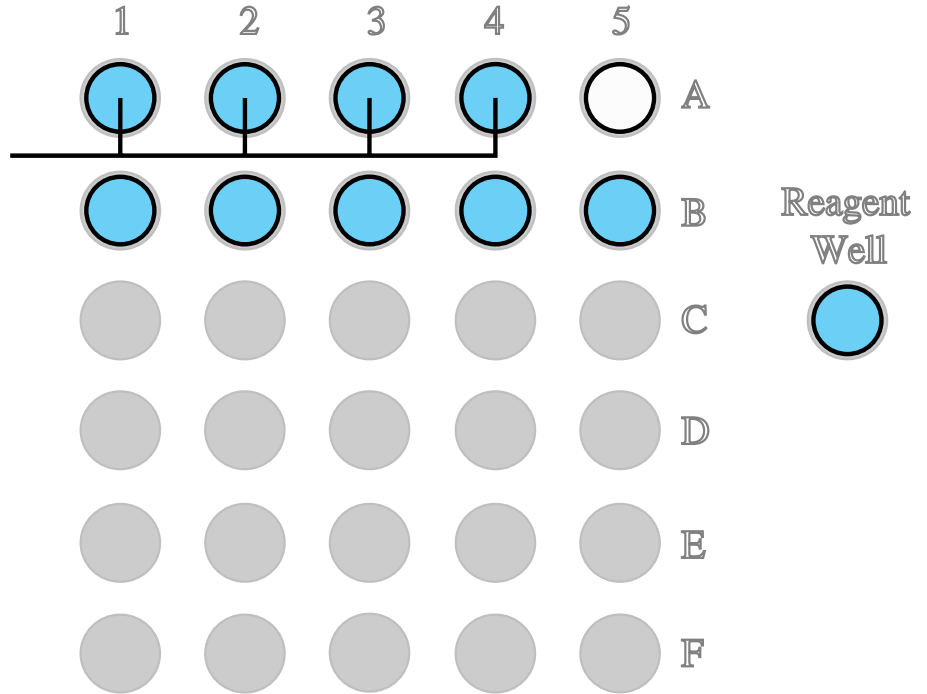
Basic Test

- Add 500 μ L Diluent to:
B1 through B5



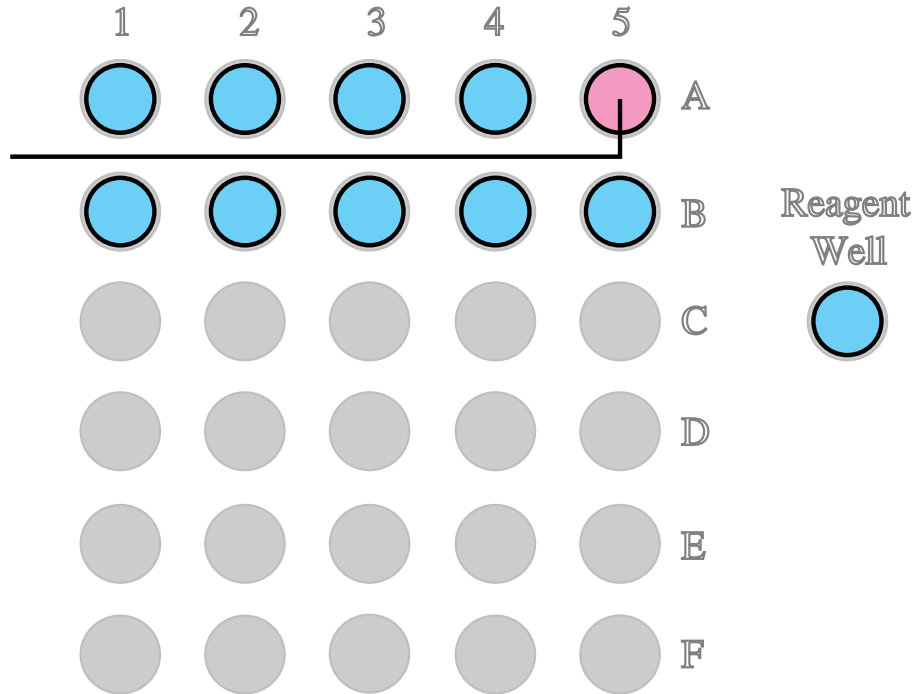
Basic Test

- Add 1,000 μL Diluent to:
A1 through A4



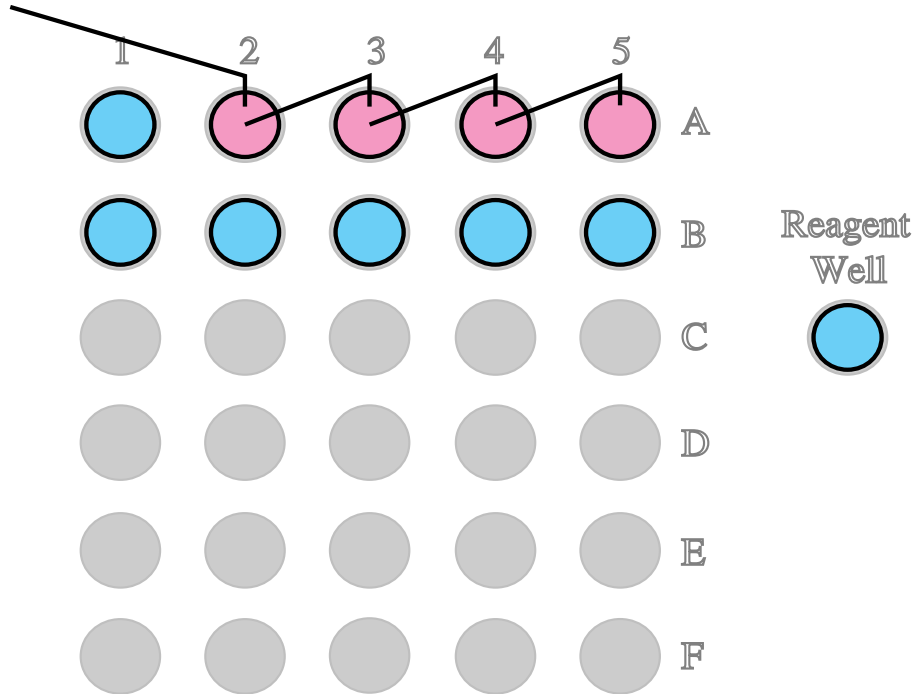
Basic Test

- Add 2,500 μL sample to A5.
- Add 250 μL OAS to A5 and mix.
- Discard 750 μL from A5.



Basic Test

- Make 1:2 serial dilutions by transferring 1,000 μL , mixing after each transfer:
 - A5 to A4
 - A4 to A3
 - A3 to A2
- Discard 1,000 μL from A2.
- Wait 5 minutes.



Basic Test

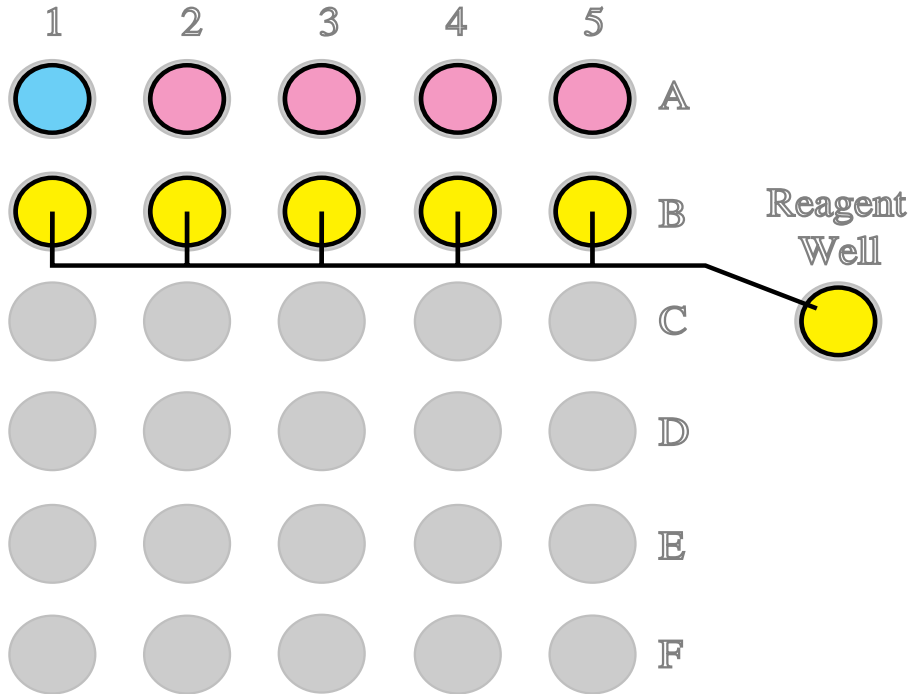
Reagent Reconstitution

Reconstitute a vial of Microtox Acute Toxicity Reagent in the following way:

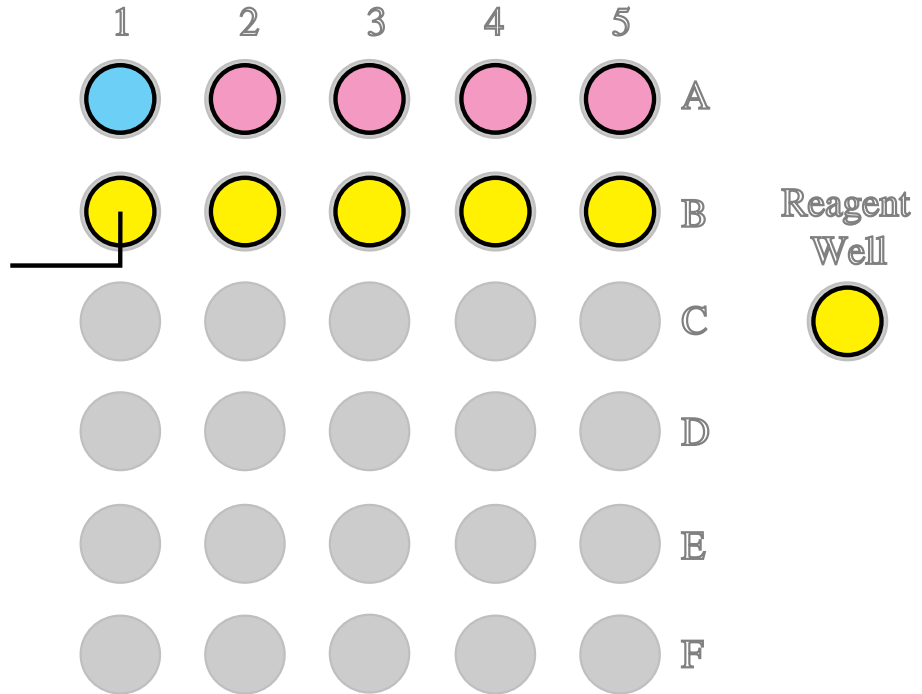
- Remove a single vial of reagent from the freezer and open it with the minimum of handling, thereby reducing warming of the vial.
 - Shake and tap the vial gently to ensure the pellet of bacteria is seated on the bottom of the vial.
 - Take the precooled cuvette of Reconstitution Solution from the Reagent Well, then quickly pour the solution into the opened vial.
- Swirl the vial 3 or 4 times, then quickly pour the mixture back into the cuvette and return it to the Reagent well.
 - Mix the bacteria thoroughly using the pipettor by aspirating and dispensing 0.5 ml of solution at least 10 times. Reconstituted bacteria should be used within 3 hours of reconstitution. Further tests after this period require the preparation of freshly reconstituted bacteria.

Basic Test

- Transfer 10 μL reagent to:
B1 through B5
- Mix cuvettes by shaking:
B1 through B5
- Wait 15 minutes.



Basic Test

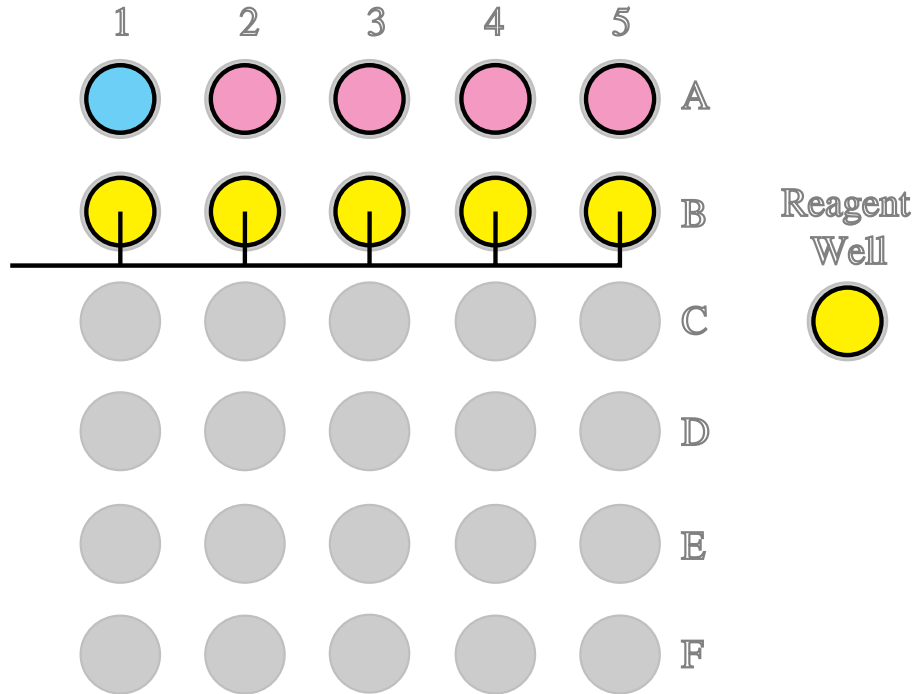


- Place B1 cuvette in READ well. Press the SET button.
- Touch the computer <space bar> key.

Basic Test

- READ zero time I_0 light levels as prompted by the computer monitor:
B1, B2, B3, B4, B5

Then immediately...



Basic Test

- ... make the following 500 μ L transfers:

A1 to B1

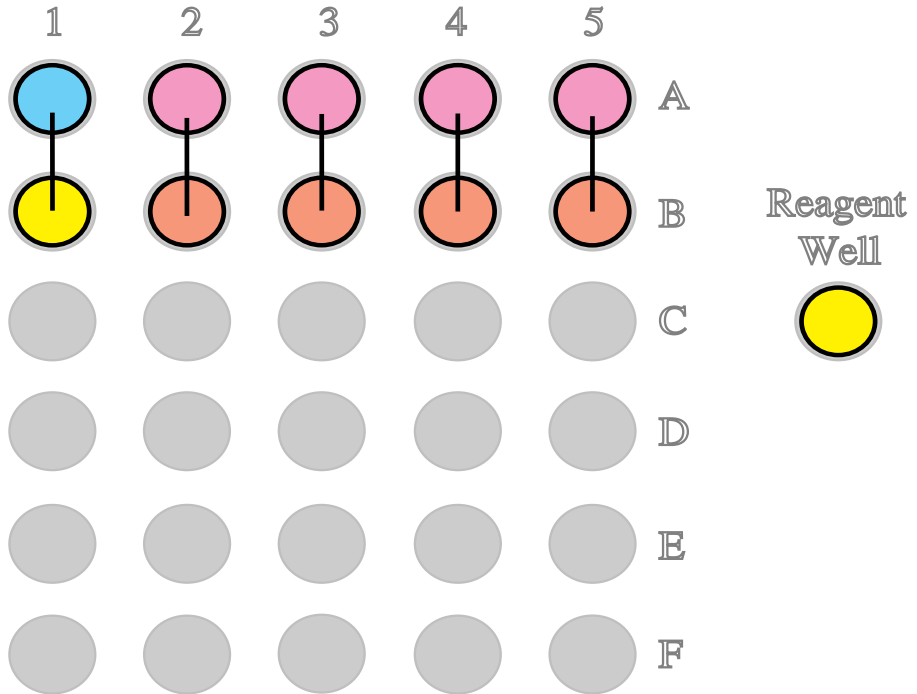
A2 to B2

A3 to B3

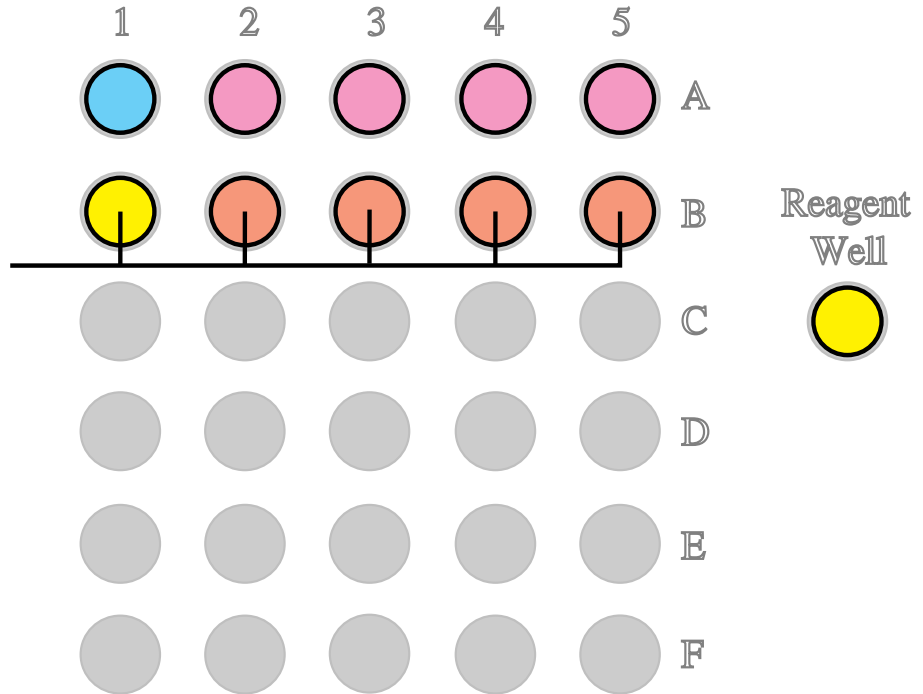
A4 to B4

A5 to B5

- Touch the computer <space bar> key.



Basic Test



- When timer sounds, READ light levels as prompted by the computer monitor:
B1, B2, B3, B4, B5