



Diagnostics for Life

### **Avioq General Microplate Tips**

1. Bring kit components to room temperature according to package insert instructions before reconstitution and use. The microplate must be at room temperature before the foil pouch is opened to prevent condensation in the wells.
2. Inspect the microplate and ensure that all strips are secure and level in the strip holder. Uneven strips may cause a jam or insufficient washing of the plate.
3. Carefully add specimens and reagents to the reaction wells to prevent splashing and cross contamination of the wells. Do not allow the pipet tip to touch the bottom of the microtiter well (hold the multichannel pipet at a 75° angle to the wells).
4. Customer Service recommends reverse pipetting to avoid “bubbling” or splashing of sample/reagent in the well. However, forward pipetting is may be warranted for assays requiring 200µl or greater reagent volumes to avoid pipet contamination.
5. After manual addition of sample or reagent into the microelisa wells, carefully blot (not wipe) the surface of the microtiter plate with lint-free absorbent material to remove moisture from the tray or well rims.
6. Washing of the microplate is a critical step. Inadequate washing will adversely affect the test outcome. Ensure that the wash solution is at room temperature before use and that each well is completely filled and aspirated on each wash cycle.
7. After washing, invert the microtiter plate on absorbent paper and **TAP** to remove any excess liquid from the wells.
8. During testing, debris could remain on the bottom of the microelisa wells causing increased absorbances. Ensure that the bottom of the plate is “clean” by carefully wiping the bottom of the wells with absorbent paper before reading.
9. Sodium hypochlorite solution can be added to the waste containers for decontamination only after they have been removed from the microplate system. Allow the waste/bleach solution to sit for approximately 30 minutes before disposal. Rinse the waste bottles with distilled/deionized water and air-dry before use.

**Note:** Do not introduce bleach (sodium hypochlorite) solution into any microplate system (washer, Microlab AT, reader, etc. during normal operation).