



# Collection of Surface Wipe Samples

## 1) Supplies from CASSEN

- Gauze pads/filter
- 7-ml vials
- Surgical gloves
- Solvent with dropper
- Insulation bag with cold ice pack (place in the freezer upon receipt)
- Chain of custody form

## 2) Sample Collection

- a) Identify the area(s) for sample collection based upon the potential for contamination.
- b) Attain the provided pad/filter for sampling.
- c) Moisten the pad/filter with the provided solvent. **Make sure to not over moisten with dripping solvent.**
- d) Using a card template of 10 cm x 10 cm (100 cm<sup>2</sup>), wipe the surface with the moistened pad/filter. A single-use disposable cardstock is preferred to eliminate cross-contamination. Using firm pressure put the pad/filter flat on the surface and wipe the area within the template with a few overlapping side-to-side horizontal passes beginning at the top and progressing to the bottom in a "Z" pattern.
- e) Fold the pad/filter into half with the exposed surface facing inward and use the clean surface to wipe the surface 2 more times. End with a scooping motion.
- f) Carefully insert the pad/filter into a 7 ml vial. Write the sample ID on the label on the vial. Place the vial immediately into the insulated bag with the frozen ice pack and close the bag so that the sample stays cold. Record all pertinent data on the chain of custody before taking the next sample.
- g) Prepare a field blank sample in the same manner but without wiping the surface. Label the vial accordingly.
- h) Ship the samples back to the lab **in the insulation bag with a cold ice pack** and the chain of custody.