

AB WIPE KIT

to measure environmental
contamination with the antibiotics

**VANCOMYCIN
MERONEM
AUGMENTIN
CEFTRIAXON
CEFOTAXIM
PIPERACILLIN
BENZYL PENICILLIN**

INSTRUCTIONS OF USE

AB Wipe Kit is developed by

**EXPOSURE CONTROL SWEDEN AB
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AB WIPE KIT

To measure environmental contamination with the antibiotics vancomycin, meronem, augmentin, ceftriaxon, cefotaxim, piperacillin, and benzylpenicillin

Contents

This wipe kit contains the materials to take 6 wipe samples from several types of surfaces.

- 6 x 2 = 12 tissues
- 6 droppers with 17 ml water (aqua pure*)
- 6 containers including labels and plastic mini bags
- 6 pair of gloves
- Registration form
- Label with the address of the lab of Exposure Control Sweden AB in The Netherlands
- Waterproof pen
- Instruction of use

* Do not drink !

Avoid contact with eyes and skin. In case of contact rinse with water.

Possible positions for sampling in the pharmacy and other preparation areas

- Work surface biological safety cabinet
- Airfoil biological safety cabinet
- Grill biological safety cabinet
- Floor beneath biological safety cabinet
- Floor in the preparation room
- Floor outside the preparation room
- Lid waste bin
- Latches
- Refrigerator
- Counter
- Cart
- Table
- Bench
- Outside cyto vials
- Prepared iv bags
- Gloves (do not wipe but put in container directly)

Possible positions for sampling on the wards and other administration areas

- Floor around chair and patient bed
- Floor outside the administration room
- Top armrest of chair or table
- Patient's adjustable table
- Lid waste bin
- Latches
- Refrigerator
- Counter
- Cart
- Table
- Bench
- Prepared iv bags
- Gloves (do not wipe but put in container directly)

Instructions of use

In general, samples are taken from a surface of about 0.5 m². Depending on the situation a smaller surface can be wiped off too. For a larger surface, the surface needs to be split into two or more spots. Register the surfaces on a map to ensure that future samples can be taken from the same surfaces. Use reference points which will not change during time such as walls, windows, pillars and doors. Register for each surface the area wiped off. This needs to be done to calculate the contamination per cm².

Wipe procedure

- 1) Put on the pair of gloves
- 2) Open the dropper with water (aqua pure) solution by turning the cap (the dropper is in the container)
- 3) Drip the contents of the dropper over the surface to be wiped off
- 4) Take one tissue and spread out the contents of the dropper over the whole surface (push the tissue on the surface without damaging the tissue)
- 5) Put the tissue in the container
- 6) Take the second tissue and wipe the whole surface till dryness (push the tissue on the surface without damaging the tissue)

- 7) Put the second tissue in the same container as the first tissue
- 8) Take off the pair of gloves and throw away in the waste bin for toxic waste
- 9) Close the container tightly
- 10) Add a label on the container with the following information (use a waterproof pen):
 - Hospital / institute / company
 - Department
 - Date
 - Sample code
 - Description surface
 - Surface area
- 11) Put the container in the plastic mini bag to avoid damage of the label and close
- 12) write the same information on the registration form

Repeat the procedure for a new sample.

Storage and transport of the samples

Samples can be stored at room temperature after sampling and during transport to the lab of Exposure Control Sweden AB in The Netherlands. Transport the samples to:

Radboudumc
Centraal Ontvangst Goederen
Department Pharmacology-Toxicology (route 131)
Mr. A. Bilos
Geert Groote Plein Zuid 30
6525GA Nijmegen
The Netherlands

Put a copy of the registration form in the transport box.
Email the registration form to Exposure Control Sweden AB.

Inform Exposure Control Sweden AB about the date of transport and the date the samples are expected to arrive.

Phone: (+46) 702 692 260

E-mail: info@exposurecontrol.net