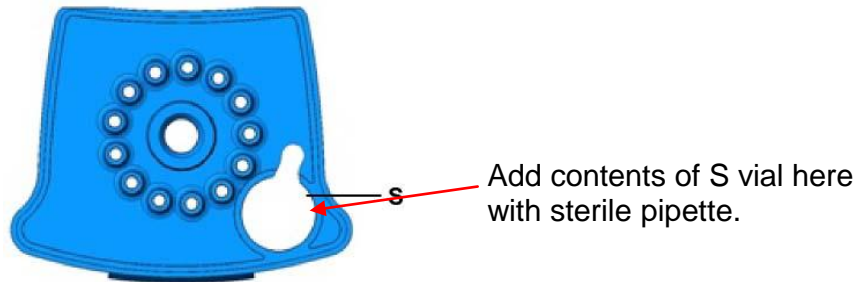


Clean the work areas with 10% bleach followed by 70% alcohol.

Preparing the Cartridge

1. Obtain liquid or soft stool sample.
2. Go under biohazard hood
3. Open kit and label the cartridge with the sample ID.
4. Obtain sterile swab.
5. Vortex stool sample.
6. Place swab in stool, swirl off excess.
7. Place swab in S vial, break off swab, close lid and vortex.
8. Open cartridge lid.
- 9.



10. Close the cartridge lid.
11. **CHANGE GLOVES BEFORE CONTINUING TO NEXT STEP!**
12. Keep cartridge in an upright position. Load Cartridge on instrument within 15 minutes.

Starting the Test

1. In the GeneXpert Dx System window, click **Create Test**.
2. In the **Patient ID Barcode** field, enter the Patient's Last Name
3. Scan the barcode on the Xpert C. *difficile* Assay cartridge.
4. In the **Sample ID** box, type the sample ID (e.g. SM0000).
5. In the **Notes** box, scan/enter your personal identification barcode.
6. Click **Start Test**.
7. Open the instrument module door with the blinking green light and load the cartridge.
8. Close the door. Test will take 47 minutes.

Reporting

1. Review your report to ensure that all checks passed.
2. Log into Meditech and go into Enter Results on the Specimen Desktop.
3. Enter SM#, type E in the Result field to go to page 2, enter organism code as **NEGCDT** for negative samples and **POSCDT** for positive samples.
4. Click on page 3 for all samples. If result is positive enter canned comment **SMART** and the patient location with the interpretation.
5. File Result.
6. Enter positive patients in the CCI for **ZCONCDIFF** under Empiric Isolation.
7. SmartWeb the nurse for all positive samples.
"Please check isolation status of patient [John Doe in Rm 123](#)"

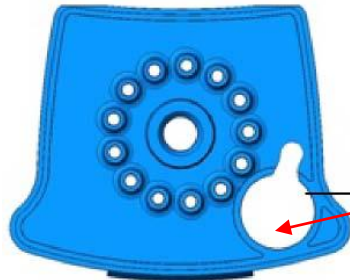
Specimen Retention

Send all completed samples to microbiology.

Clean the work areas with 10% bleach followed by 70% alcohol.

Preparing the Cartridge

1. Obtain patient swab
2. Open kit and label the cartridge with the sample ID.
3. Rub swabs together (if two swabs are received)
- 4.



Add swab here and break off. Make sure the swab falls into the chamber

5. Close the cartridge lid.
6. **CHANGE GLOVES BEFORE CONTINUING TO NEXT STEP!**
7. Keep cartridge in an upright position. Load Cartridge on instrument within 15 minutes.

Starting the Test

1. In the GeneXpert Dx System window, click **Create Test**.
2. In the **Patient ID Barcode** field, enter the Patient's Last Name.
3. Scan the barcode on the Xpert™ GBS Assay cartridge.
4. In the **Sample ID** box, type the sample ID (e.g. SM0000).
5. In the **Notes** box, scan your personal identification barcode.
6. Click **Start Test**.
7. Open the instrument module door with the blinking green light and load the cartridge.
8. Close the door. Test will take 52 minutes.

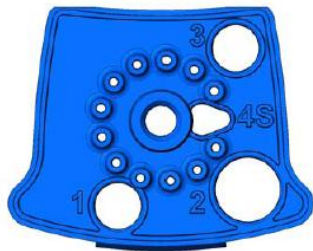
Reporting

1. Review your report to ensure that all checks passed. If the result is **INVALID**, **ERROR**, or **NO RESULT** repeat testing. Obtain another cartridge. Prepare the cartridge using;
 - the second swab (if you received a two swab collection kit)
 - the liquid from the S chamber (if present)
 - the swab out of the S chamber (if only one swab was received.)
2. Log into Meditech and go into Enter Results on the Specimen Desktop.
3. Enter SM#, type E in the Result field to go to page 1, enter **NEGGBS** for negative samples and **POSGBS** for positive samples.
4. Click on page 2. If result is positive it is considered an alert value. Enter canned comment **SMART** with the patient's location.
5. File Result.

Clean the work areas with 10% bleach followed by 70% alcohol.

Preparing the Cartridge

1. Obtain patient sample
2. Open kit and label the cartridge with the sample ID.
3. Add Reagents 1-3 to their respective chambers.
4. Add 140µL of both Reagent 4 and the sample to chamber 4S.



- 1= Binding Reagent
- 2= Wash Reagent
- 3= Elution Reagent
- 4S = Lysis Reagent and Sample

Figure 1. Xpert EV cartridge (top view).

5. Close the cartridge lid.
6. **CHANGE GLOVES BEFORE CONTINUING TO NEXT STEP!**
7. Keep cartridge in an upright position. Load Cartridge on instrument within 15 minutes.

Starting the Test

1. In the GeneXpert Dx System window, click **Create Test**.
2. In the **Patient ID Barcode** field, enter the Patient's Last Name.
3. Scan the barcode on the Xpert™ EV Assay cartridge.
4. In the **Sample ID** box, type the sample ID (e.g. SM0000).
5. In the **Notes** box, scan your personal identification barcode.
6. Click **Start Test**.
7. Open the instrument module door with the blinking green light and load the cartridge.
8. Close the door. Test will take 2 hours and 32 minutes.

Reporting

1. Review your report to ensure that all checks passed. If the result is INVALID, ERROR, or NO RESULT repeat testing. Notify the patient care area of the delay in testing. **If the sample does not give a result two times in a row, freeze the sample for two hours. Thaw the sample and then repeat testing.**
2. Log into Meditech and go into Enter Results on the Specimen Desktop.
3. Enter SM#, type E in the Result field to go to page 1, enter **NEGEV** for negative samples and **POSEV** for positive samples.
4. Click on page 2. If result is positive enter canned comment **CALD**.
5. Call the patient nurse with the result and document the name of the person taking the result.
6. File Result.