

# Xpert® Cartridge Preparation - Unprocessed Sputum

- Xpert MTB/RIF
- Xpert MTB/RIF Ultra
- Xpert MTB/XDR

Refer to the package insert for detailed instructions, precautions, and warnings.

For a copy of the SDS, visit [www.cepheid.com](http://www.cepheid.com) or [www.cepheidinternational.com](http://www.cepheidinternational.com)  
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- 1 Obtain one Xpert cartridge, sample reagent (SR), and sputum collection container for each sample.

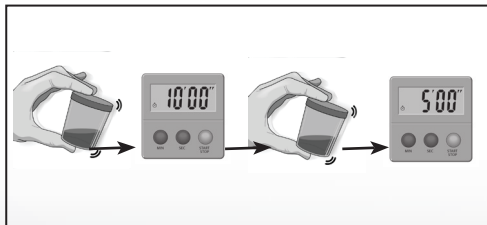


Note: Minimum sputum volume for one test is 1mL.

- 2 Estimate volume of sputum. Add 2 parts of SR to 1 part of sputum. Replace container lids.

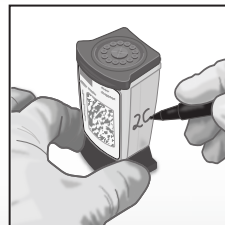


- 3
- Shake vigorously 10 to 20 times or vortex for at least 10 seconds.
  - Incubate at room temperature for 10 minutes.
  - Shake again vigorously 10 to 20 times or vortex.
  - Incubate for another 5 minutes\*.

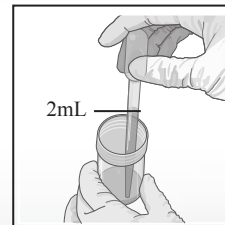


\*Shake and incubate an additional 5 minutes if the sample is not completely liquefied.

- 4 Write on the side of the cartridge or affix an ID label. Open the cartridge.



- 5 Aspirate the liquefied sample to just above the line on the pipette.



- 6 Slowly empty the sample into the sample chamber of the cartridge.



- 7 Close the lid firmly. Start the test within the time frame specified in the package insert.

