

Xpert® Cartridge Preparation - Sputum Sediment

- 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 or www.cepheidinternational.com

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Sputum sediment is prepared according to the method of Kent and Kubica¹

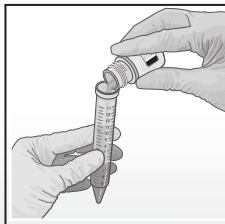
¹Kent PT, Kubica GP 1985. Public Health Mycobacteriology—A Guide for Level III Laboratory, Centers of Disease Control, Atlanta, Publication no. PB 86-216546



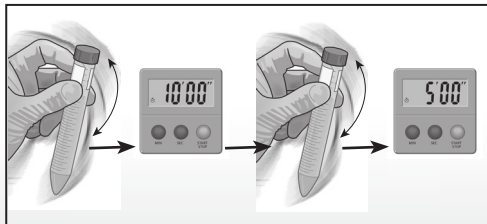
- 1 Obtain one Xpert cartridge, sample reagent (SR), and sediment collection container for each sample.



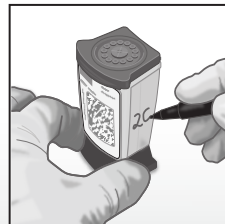
- 2 Collect at least 0,5mL of resuspended sediment (RS):
- If < 0,7mL: add 3 parts SR to 1 part RS.
 - If ≥ 0,7mL: add 2 parts SR to 1 part RS.



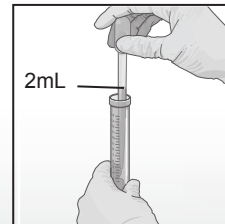
- 3
- Shake vigorously 10 to 20 times or vortex for at least 10 seconds.
 - Incubate at room temperature for 10 minutes.
 - Shake again vigorously 10 to 20 times or vortex.
 - Incubate for another 5 minutes



- 4 Bring the cartridge to room temperature. Write on the side of the cartridge or affix an ID label. Open the cartridge.



- 5 Aspirate the liquefied sample 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.

