

Xpert[®] HIV-1 Qual Cartridge Preparation *Whole Blood sample preparation*

- Xpert[®] HIV-1 Qual

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

Cepheid Technical Support
US office
(888) 838-3222, Option 2
techsupport@cepheid.com

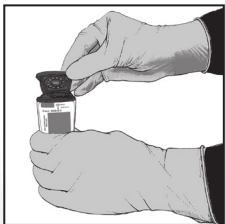
European office
+33 563 825 319
support@cepheideurope.com



- 1 Take one Xpert cartridge and reagent vial for each specimen.



- 2 Open the cartridge lid.



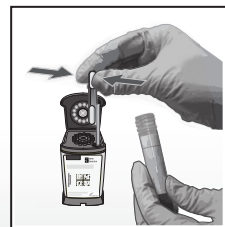
- 3 Transfer 750 μ L of the sample reagent to the sample chamber of the cartridge using the supplied 1 mL transfer pipette.



- 4 Mix the whole blood by inverting the tube at least 7 times.



- 5 Transfer 100 μ L of the mixed whole blood to the cartridge sample chamber using the supplied micropipette.



- 6 Close the cartridge lid.



- 7 Start the test within the timeframe specified in the package insert.

Xpert[®] HIV-1 Qual Cartridge Preparation *Dried Blood Spot (DBS) sample preparation*

- Xpert[®] HIV-1 Qual

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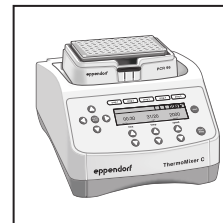
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Prior to beginning this test

- Verify the DBS is 12mm in diameter and completely fills the outlined area.
- Set a ThermoMixer C to 56 °C.

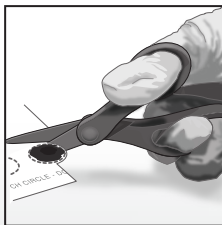
Note: The ThermoMixer C is required, but not provided by Cepheid. It may be purchased from Eppendorf and its distributors.



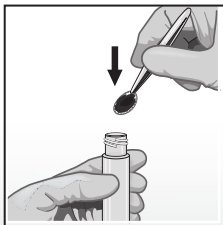
- 1 Take one Xpert cartridge and reagent vial for each specimen.



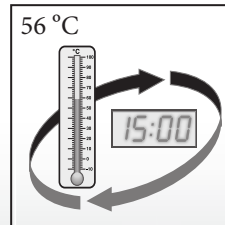
- 2 Excise one entire DBS from the filter paper with sterilized scissors (or forceps if the filter paper is perforated).



- 3 Place the DBS circle in the vial. If required, push the DBS down to ensure it is fully submerged.



- 4 Incubate the vial in the ThermoMixer C for 15 minutes at 56 °C while rotating at 500 RPM.



- 5 Transfer all the liquid from the vial (must be above the 3rd mark on the supplied pipette) into the cartridge sample chamber.



Caution

Avoid touching the DBS with the pipette to ensure required volume is transferred. Do not transfer the DBS to the cartridge.

Do not pour the specimen directly into the chamber.

- 6 Close the cartridge. Start the test within the timeframe specified in the package insert.

