

Lysate and Cartridge Preparation

- Xpert® BCR-ABL Ultra
- Xpert® BCR-ABL Ultra p190
- Xpert® NPM1 Mutation

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

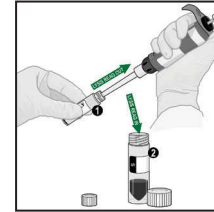
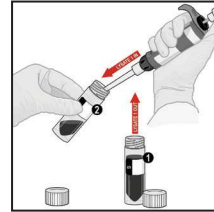
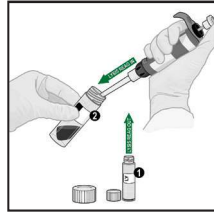
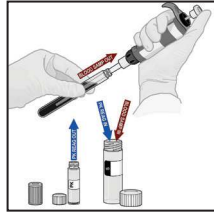
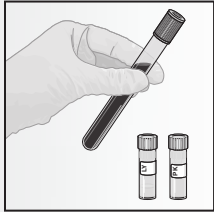
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20 minutes before starting the procedure, allow the following to come to room temperature (20°C – 30°C)

- blood specimen
- cartridge
- sample preparation reagents

- 1 Remove EDTA whole blood and sample prep reagents from refrigerator. Place EDTA blood on rocker or invert 8 times prior to sampling.
- 2 Briefly centrifuge PK reagent. To a 50mL conical tube, add 100uL of PK reagent. Then add 4mL of well-mixed EDTA whole blood to the same 50mL conical tube. Vortex for 3 sec and incubate for 1 min at RT.
- 3 Add 2.5mL of lysis reagent (LY) to same tube, vortex 10 sec, and incubate 5 min at RT. Vortex again for 10 sec and incubate a 2nd time for 5 min. Mix by tapping tube 10x.
- 4 Transfer 1mL prepared lysate to new 50mL conical tube. Save remaining lysate for possible retest.
- 5 Add 1.5mL of lysis reagent (LY) to the new conical tube containing previously prepared lysate. Vortex for 10 sec and incubate for 10 min at RT.
- 6 To the same conical tube, add 2mL of reagent grade absolute EtOH. Vortex for 10 sec and set aside. Discard remaining PK or LY reagents.



- 7 Open the Xpert test cartridge lid.
- 8 Transfer entire contents of Wash Reagent ampoule into Wash Reagent Chamber (with small opening)
- 9 Pipette entire contents of final prepared lysate from conical tube.
- 10 Transfer entire contents (~4.5mL) of prepared sample into the sample chamber.
- 11 Close the Xpert cartridge lid.
- 12 Start the test within the timeframe specified in the package insert.

