Quick-Start Protocol March 2016

AllPrep® DNA/RNA FFPE Kit, Part 2

The AllPrep DNA/RNA FFPE Kit (cat. no. 80234) can be stored for at least 9 months if not otherwise stated on label: buffers at room temperature (15–25°C); other components at 2–8°C.

Further information

- *AllPrep DNA/RNA FFPE Handbook*: **www.qiagen.com/HB-0373**
- Safety Data Sheets: **www.qiagen.com/safety**
- Technical assistance: **support.qiagen.com**

Notes before starting

- Unless otherwise stated, perform all steps quickly at room temperature (15–25°C).
- Unless otherwise stated, centrifugation is performed at ≥8000 x *g* (≥10,000 rpm).
- Reconstitute Buffer FRN, Buffer RPE, Buffer AW1, Buffer AW2 and RNase-Free DNase I as described in the handbook. Mix by shaking before use.
- Set a thermal mixer, heated orbital incubator or heating block to 56°C.
- Flow-through from steps 22 and 23 contains Buffer AL and Buffer AW1 and is therefore not compatible with bleach.

Genomic DNA purification

17. Resuspend the pellet from step 5 of "RNA purification" in *Quick-Start Protocol AllPrep DNA/RNA FFPE Kit, Part 1* in 180 µl Buffer ATL, add 40 µl proteinase K and mix by vortexing.
18. Incubate at 56°C for 1 h.
19. Incubate at 90°C for 2 h without agitation.

20. Briefly centrifuge. If RNA-free genomic DNA is required, cool to room temperature (15–25°C) and add 4 µl RNase A (100 mg/ml). Incubate for 2 min.
21. Add 200 µl Buffer AL, and mix. Add 200 µl ethanol (96–100%) and mix.
22. Transfer the entire sample to a QIAamp® MinElute® spin column placed in a 2 ml collection tube (supplied). Close the lid and centrifuge for 1 min.
23. Place the spin column in a new 2 ml collection tube (supplied). Add 700 µl Buffer AW1 to the spin column. Close the lid and centrifuge for 15 s.
24. Add 700 µl Buffer AW2 to the spin column. Close the lid and centrifuge for 15 s.
25. Add 700 µl ethanol (96–100%) to the spin column. Close the lid and centrifuge for 15 s.
26. Place the spin column in a new 2 ml collection tube (supplied). Open the lid of the spin column, and centrifuge at full speed for 5 min to dry the spin column membrane.
27. Place the spin column in a new 1.5 ml collection tube (supplied). Add 30–100 µl Buffer ATE directly to the spin column membrane. Close the lid and incubate for 1 min at room temperature. Centrifuge at full speed for 1 min to elute the DNA.

Scan QR code for handbook.

For up-to-date licensing information and product-specific disclaimers, see the respective QIAGEN kit handbook or user manual.