

AxyPrep™ 96 Blood Genomic DNA Kit

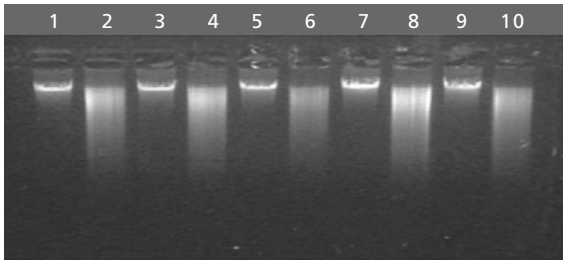
High-throughput purification of genomic DNA from whole blood in a 96-well format. This kit is based upon the efficient release of genomic DNA from anti-coagulated whole blood by a special cell lysis and protein-removal buffer in combination with Proteinase K digestion. The genomic DNA is then selectively adsorbed onto a special 96-well plate for further purification and desalting. The purified DNA is predominantly ≥ 30 Kb in length, and is suitable for a variety of applications demanding highly purified, high molecular weight genomic DNA, such as Southern blot analysis, PCR, etc. This kit can be used to purify genomic DNA from fresh or frozen whole blood, bone marrow, other body fluids, lymphocytes and cultured cells.

FEATURES:

- For fresh, frozen or dried blood samples, bone marrow, lymphocytes and cultured cells
- Up to 20 μ g of highly purified genomic DNA per well
- Rapid spin and vacuum protocols
- High molecular weight genomic DNA product (≥ 30 Kb)
- No alcohol precipitation
- Suitable for many downstream applications
- Three kit sizes



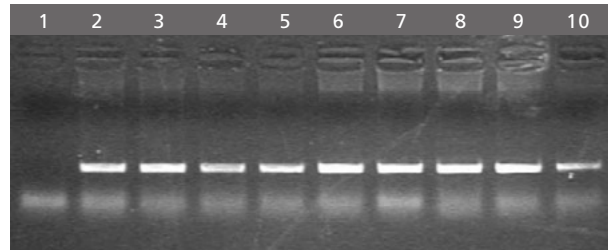
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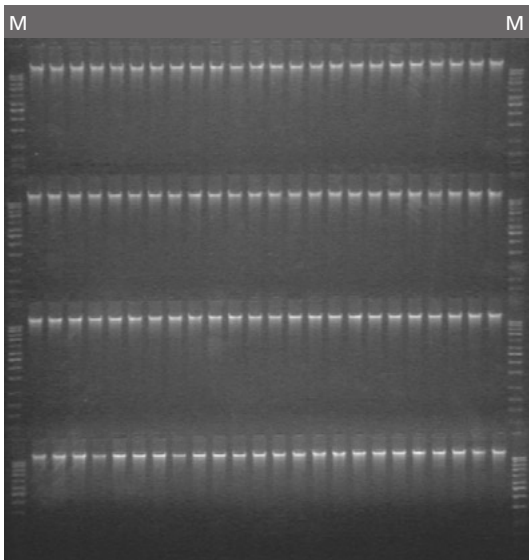
Lanes 1, 3, 5, 7, 9: Blood genomic DNA purified from human blood with the AxyPrep-96 Blood Genomic DNA Kit.

Lanes 2, 4, 6, 8, 10: Genomic DNAs digested by EcoR I.

0.4 µg Genomic DNA loaded in every lane. Run on a 0.8% agarose gel.



Lanes 2-9: GAPDH amplicons generated from 8 human blood genomic DNA samples. Template DNA samples were randomly selected from 96 genomic DNA samples purified with the AxyPrep-96 Blood Genomic DNA Miniprep Kit.



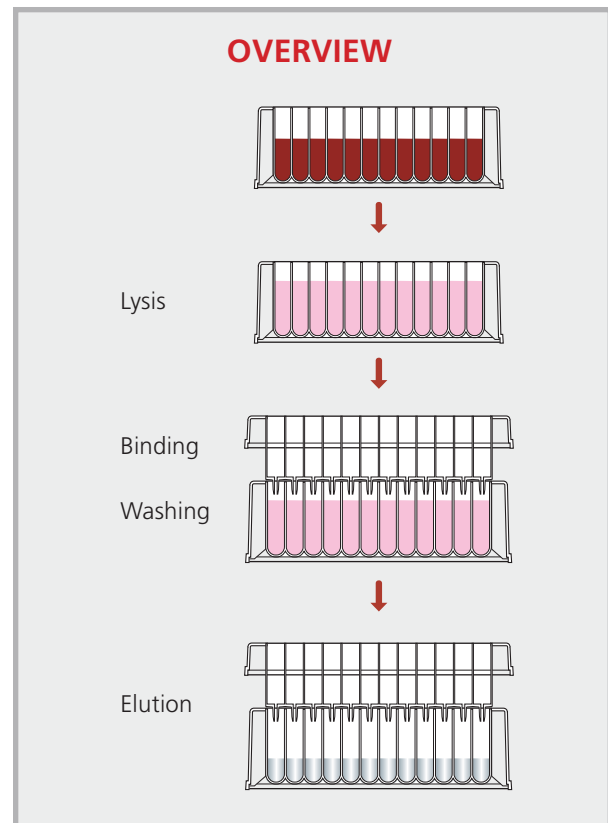
96 blood genomic DNA samples purified from human blood (200 µl/prep) with the AxyPrep-96 Blood Genomic DNA Kit. Approximately 0.3 µg genomic DNA/lane on a 0.8% agarose gel.

M: Axygen 1 Kb DNA Ladder

ORDERING INFORMATION:

AxyPrep-96 Blood Genomic DNA Kits are sold in kit sizes of 1x96, 4x96 and 12x96.

AxyPrep Kit Sizes	Catalog No.
1x96 prep	AP-96-BL-GDNA-1
4x96 preps	AP-96-BL-GDNA-4
12x96 preps	AP-96-BL-GDNA-12



Call 888-5-AXYBIO for pricing or more information.



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