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**Figure 1:**

Figure Legend: Fractionation of end labeled DNA markers on 3mm thick 0.8% agarose by the VAGE apparatus and transfer to Duralon—UV™ membranes using the Posiblot pressure blotter.

- A. Ethidium stained gel showing high resolution.
- B. Same gel after pressure blotting.
- C. Autoradiogram of membrane after pressure transfer.
The PosiBlot™ positive pressure bloter permits the transfer of nucleic acids in 1/3 the time of vacuum bloters and 1/50 the time of capillary blotting (Figure 2). Pressure blotting does not dehydrate gels as do other methods. This allows the use of substantially higher pressure differentials, compared with vacuum blotting, without gel collapse. The PosiBlot apparatus reduces blotting time to 15 minutes.

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For a complete program and a registration form, see any of the following issues of Science magazine: 19 October, 26 October (insert), or 7 December; or write to AAAS Meeting Promotion Dept., Room 815, 1333 H Street, NW, Washington, DC 20005.

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