Colour Plate 76

Plate 76  Deoxyribonucleic Acid Profiling: Capillary Electrophoresis Four-colour M13mp 18 sequencing separation at 42°C. The separation of DNA sequencing fragments was performed in a 6.5% poly(dimethylacrylamide) (98kDa) solution (75cP) in 100 mmol L$^{-1}$ TAPS buffer (pH 8.0) containing 8 mol L$^{-1}$ urea. A 50mm i.d. fused silica capillary, 51cm long (40cm to the window) was used. DNA was electrokinetically injected for 20s at 60 V cm$^{-1}$, and the fragments were separated for 125 min at 160 V cm$^{-1}$. (Reproduced with permission from Madabhushi (1998), *Electrophoresis* 19: 224 - 230.)