Plate 42 Electrophoresis: Gel Electrophoresis The inset shows the separation of human head hair proteins using 12 % sodium dodecyl sulfate-polyacrylamide gel electrophoresis with the point of migration of standard proteins to the left under the heading kDa: lanes 1-3 S-carboxymethylated proteins; lane 4 reduced non-S-carboxymethylated proteins; lane 1 14C Autoradiograph; lanes 2 and 4, silver stain; lane 3, Coomassie stain. The main body of the figure shows a densitometric profile of the separated lane 1 (autoradiograph 14C-S-carboxymethylated, green). Lane 2 (silver stain, S-carboxymethylated, red); lane 4 (silver stain, non-S-carboxymethylated). Molecular weights were extrapolated from a plot of log MWt vs. relative migration of standard proteins.