

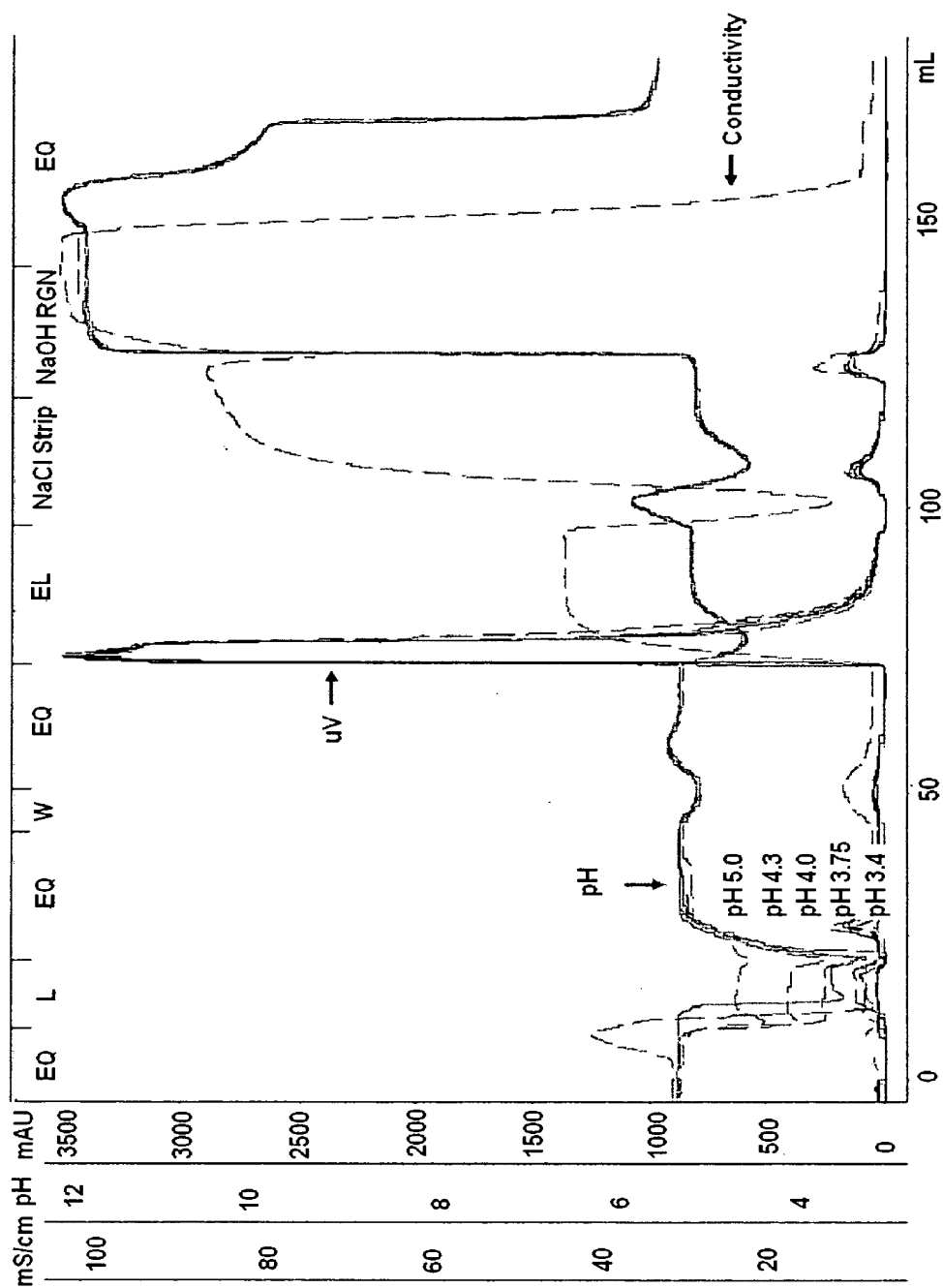


Figure 1

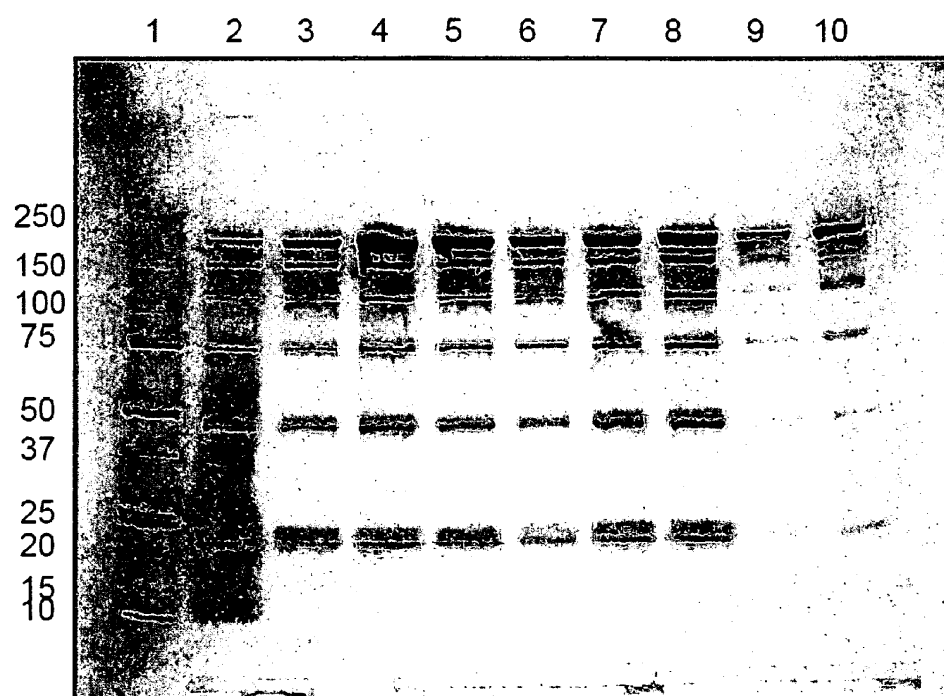


Figure 2

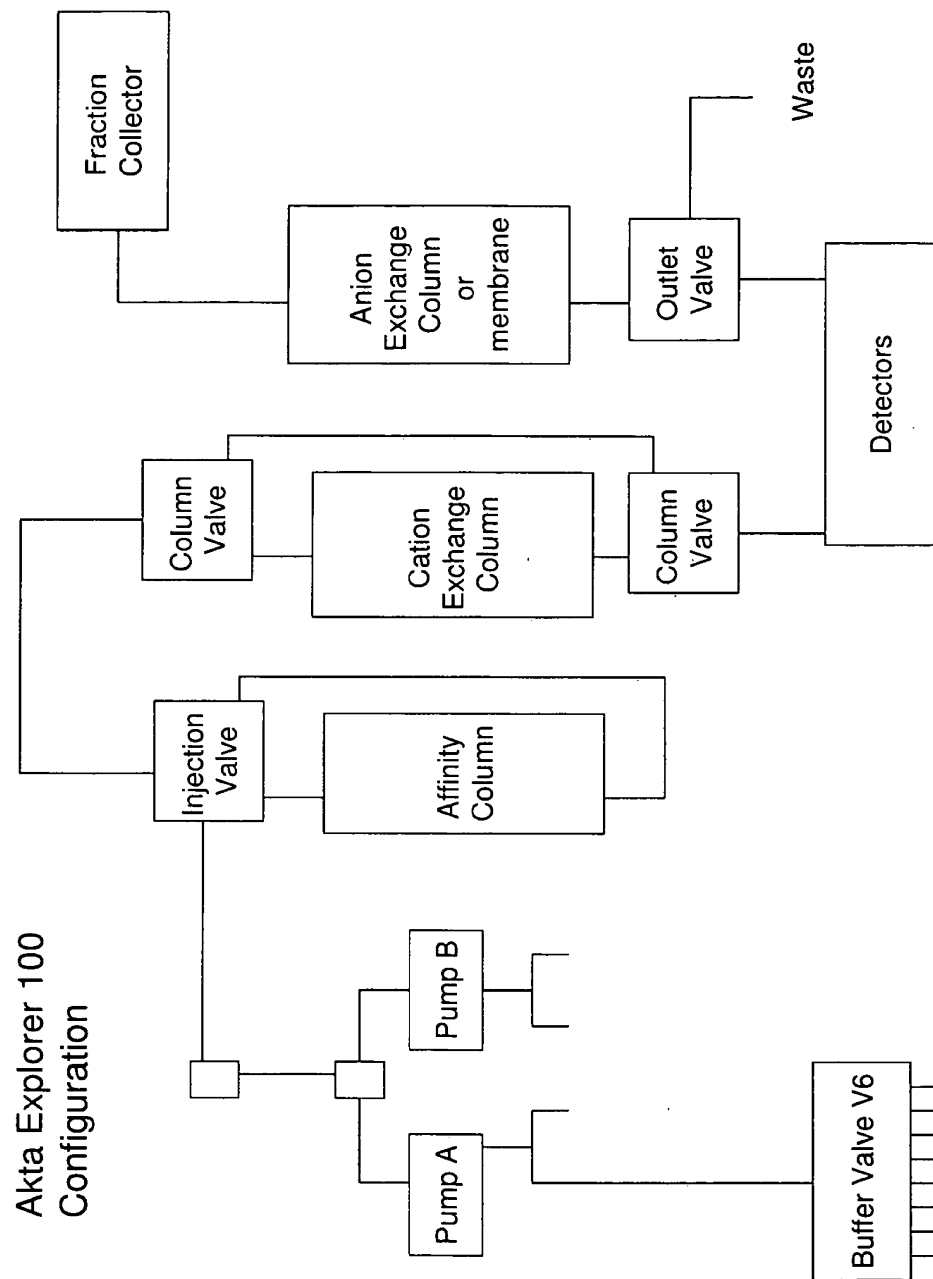
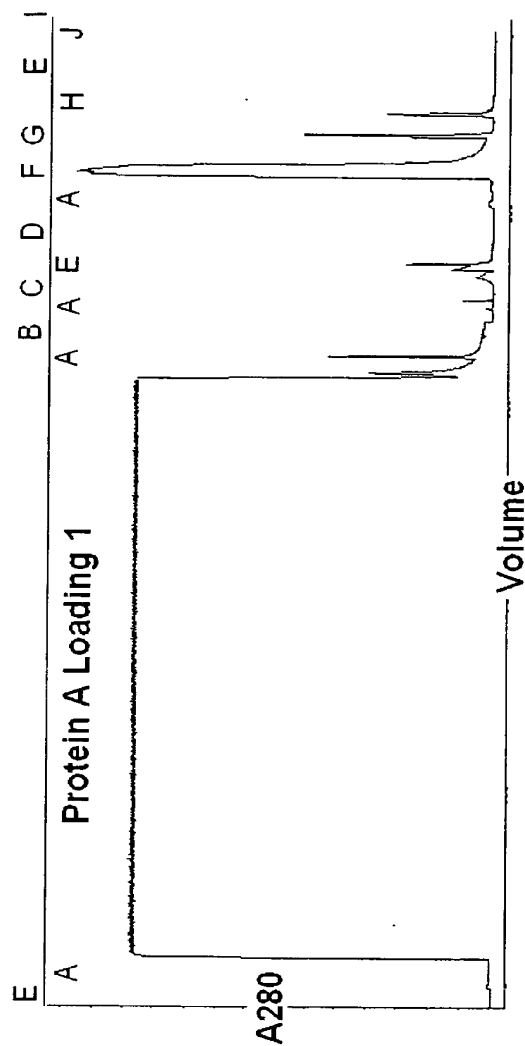


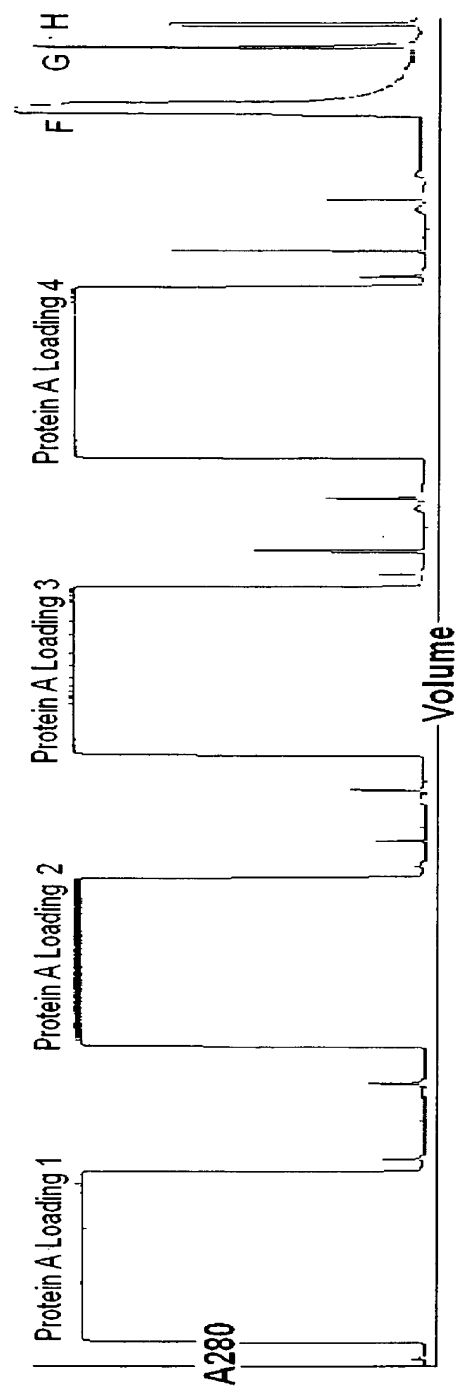
Figure 3



- A = Protein A Equilibration
- B = Protein A Intermediate Wash
- C = Protein A Elution
- D = Protein A Regeneration
- E = Cation Exchange Equilibration
- F = Cation Exchange Elution
- G = Cation Exchange NaCl Strip
- H = Cation Exchange NaOH Regeneration
- I = Anion Exchange Equilibration
- J = Anion Exchange Regeneration

* Some steps are not labeled on the graphic to facilitate ease of fit for labeling key steps

Figure 4



F = Cation Exchange Elution

G = Cation Exchange NaCl Strip

H = Cation Exchange NaOH Regeneration

* Some steps are not labeled on the graphic to facilitate ease of fit for labeling key steps

Figure 6

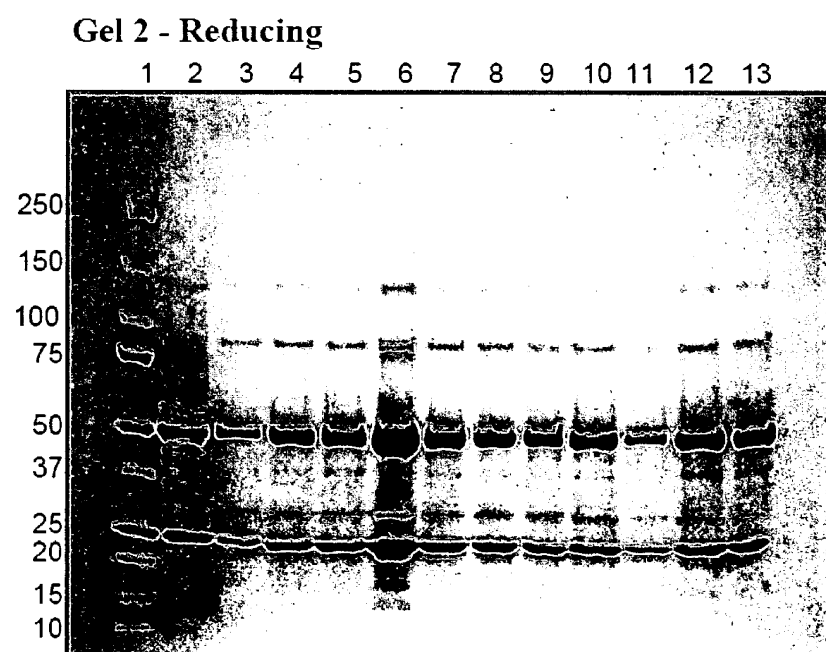
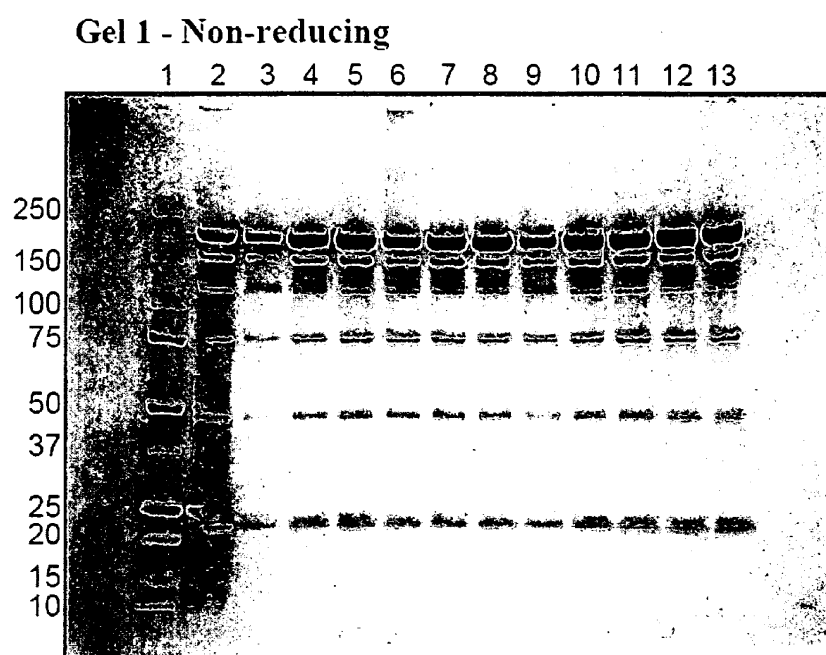


Figure 7