Buffer

1) 2.5N NaOH 10 gm/100 ml deionized water.

2) 0.1M $Na_2CO_3/NaHCO_3$ pH 9.0

0.4M Na_2CO_3 4.24 gm/100 ml..... 80 ml) +) makes up to 4 liters with deionized H_2O

0.4M $NaHCO_3$ 33.6 gm/1 liter..... 920 ml)

16.8 gm/500 ml

40% SAS - ppt in Sorvall Centrifuge Tubes
volume to be ppt ÷ .6 X 4 = use sat $(NH_4)_2SO_4$
1 drop in
speed 2 Mixer
leave 1 hr ice