

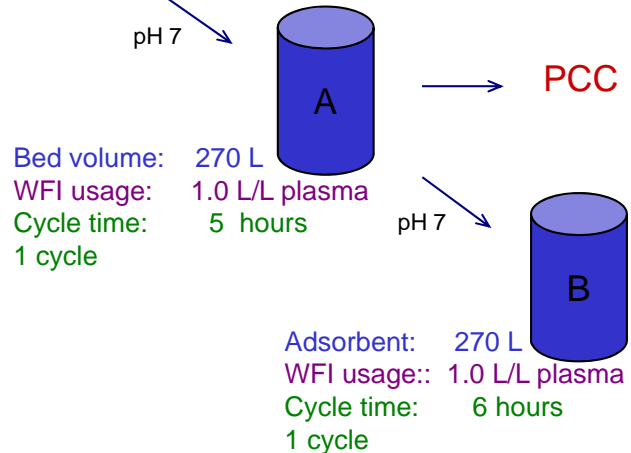
# Example of human plasma fractionation using EBA

## PCC and FVIII-vWF yields

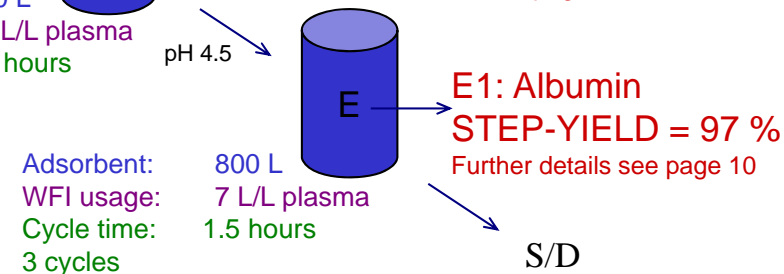
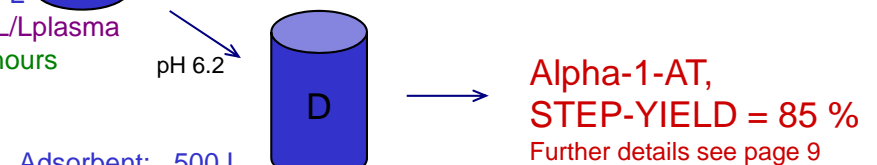
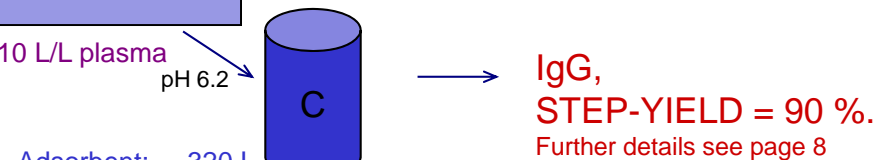
Relative concentrations	Plasma %	Run-through Column A %	Eluate Column A %	Run-through Column B %	Eluate Column B %
FII	100	0	71	ND	ND
FV	100	34	10	ND	ND
FVII	100	90	0	ND	ND
FVIII	100	85	11	25	55
FIX	100	7	65	ND	ND
FX	100	9	80	ND	ND

High yields of PCC and FVIII-vWF. Essentially no IgG, Alpha-1-AT or albumin

4000 L crude plasma



R/O Water: 10 L/L plasma



### HIGH CAPACITY STEPS → LOW WATER CONSUMPTION

Total WFI consumption incl. CIP of columns; excl. further purification/formulation; excl. process water for tank cleaning etc.: **12 L/L plasma**

Cohn processing; all steps; excl. process water: **43 L/L plasma\***  
\* Personal communication. John Moore, BPL, UK, 2007

Total turn-over time (incl. S/D step): 15-16 hours  
Total turn-over time (without. S/D step): 8-9 hours