

### Supplement 1-1

M-sol	ml
Acetate Ringer's solution (Solacet F)	180
ACD-A solution	30
7% Sodium bicarbonate solution (Meylon)	12
0.5M Magnesium Sulfate solution	0.75
Double distilled water for injection	17.25

G-sol	ml		
	(1)	(2)	(3)
Glucose-acetate Ringer's solution (Solacet D)	250	200	250
ACD-A solution	75	60	75
7% Sodium bicarbonate solution (Meylon)	20	20	25
Double distilled water for injection	250	200	250

A-sol	ml			
	(1)	(2)	(3)	(4)
Saline	200	100	90	500
ACD-A solution	30	10	10	10

B-sol	ml	
	(1)	(2)
Washing solution No.3 for frozen thawed red cells	1000	1000
ACD-A solution	31	100

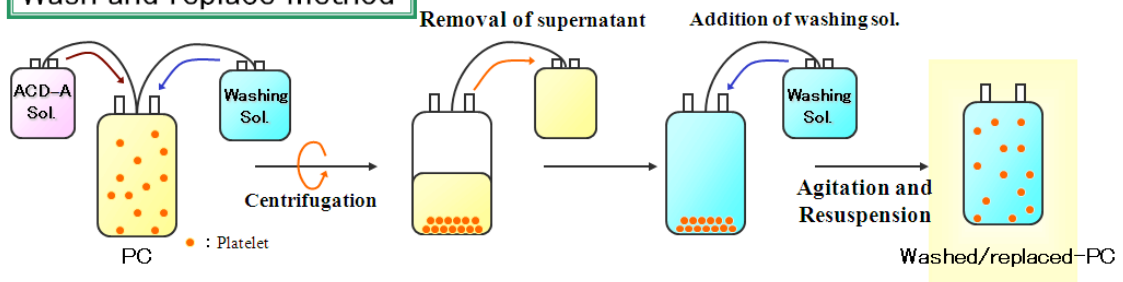
Composition of Washing solution No.3 for frozen thawed red cells (W/V%)

NaCl 0.8, Glucose 0.2,  $\text{Na}_2\text{HPO}_4\cdot 12\text{H}_2\text{O}$  0.294,  $\text{NaH}_2\text{PO}_4\cdot 2\text{H}_2\text{O}$  0.049

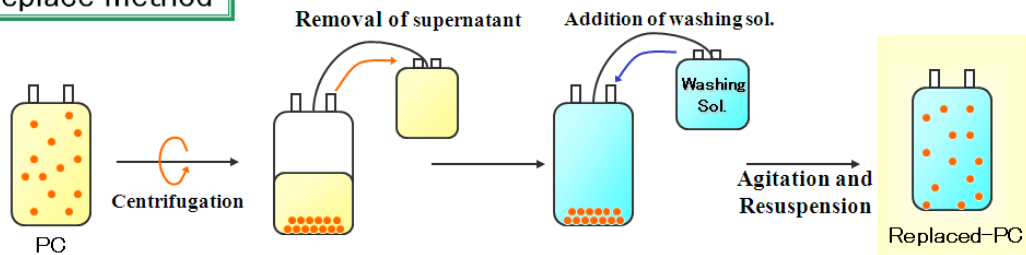
## Supplement 1-2

### Washed/replaced-PC vs Replaced-PC

#### Wash and replace method



#### Replace method



There is no significant difference between Washed/replaced-PC and Replaced-PC in terms of platelet recovery and protein removal.