

20X SSC (pH 7.0)

For 1 litre

175.3 g NaCl

88.2 g $\text{Na}_3\text{C}_6\text{H}_5\text{O}_7 \cdot 2\text{H}_2\text{O}$ [= sodium citrate]

→ few drops of concentrated HCl (if pH > 7.0) to pH, OR
few drops of 10M NaOH (if pH < 7.0) to pH

→ to 1 l with dH₂O

NaCl - Fisher BioReagents: BP358

$\text{Na}_3\text{C}_6\text{H}_5\text{O}_7 \cdot 2\text{H}_2\text{O}$ - Fisher BioReagents: BP327

NOTES:

May take several hours to get salts into solution. Best to make up the day before it is required.

pH will be very close to 7.0 even without addition of acid/alkali