

FICHE TECHNIQUE

S1511: SSC-BUFFER

A homogeneous mixture of molecular grade Sodium chloride and Trisodium citrate to prepare SSC-buffer. Suitable for use in nucleic acid hybridisation.

NaCl	0.15 M	8.77 g/l
Trisodium citrate	0.015 M	4.41 g/l
		13.18 g/l

pH (water, 20°C): 8.3 ± 0.2

Sambrook, J., et al., Molecular Cloning: A Laboratory Manual, Cold Spring Harbor Laboratory (1989), p.B.13.

- after dissolving 13.18 gram in 1 litre of water, a 1 x SSC solution is prepared with a concentration of 0.15 M NaCl and 0.015 M Trisodium citrate.
- after dissolving 263.56 gram in 1 litre of water, a 20 x SSC solution is prepared with a concentration of 3.0 M NaCl and 0.3 M Trisodium citrate.
- to avoid precipitation no higher concentrations of 20x SSC stock solutions are recommended.

20 ltr pack, to prepare 20 l (1X) solution or 1 l (20X) solution
 S1511.0020 263.56 g

200 ltr pack, to prepare 200 l (1X) solution or 10 l (20X) solution
 S1511.0200 2635.6 g