20XSaline-sodium citrate (SSC) pH7.0

Nuclease-Free Molecular Biology grade

Description

Saline-sodium citrate (SSC) buffer is most commonly used as a buffer for the hybridization process and washing in experiments where species of nucleic or ribonucleic acid are to be matched to complimentary sequences (such as Southern and Nouthern blotting, in situ hybridization, or DNA microarrays). SSC is used to help control the stringency of hybridization in these steps.

20xSSC pH7.0 is made of 3M Sodium Chloride and 0.3 M Sodium Citrate in DEPC-treated water at pH 7.0. It is a concentrated stock solution filtered through 0.22 µm filter, and autoclaved.

Content

20xSSC concentrated with 3M Sodium Chloride and 0.3 M Sodium Citrate in DEPC-treated water at pH 7.0.

Size: 1 L/bottle.
Storage: Store at Room Temperature.
Shelf-life: 1year after recipient.
Sterilization: This product was aseptically filtered through a 0.22 µm filter, and autoclaved.

Applications

- Nucleic acid hybridization.
- Blot transfer procedures.
- Nucleic acid preparation.

Use Directions

20X SSC pH 7.0 (3.0 M Sodium Chloride, 0.3 M Sodium Citrate, pH 7.0) is a concentrated stock solution and should be diluted appropriately with distilled, deionized water or equivalent to its final working concentration.

Related Products

Cell RNA Isolation Kit (TBS6001)
Blood RNA Isolation Kit (TBS6002)
Tissue RNA Isolation Kit(TBS6003)
40% Deionized Glyoxal Solution (TBS6023)

Research use only.