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Datasheet for ABIN925571
20X SSC pH 7.0

Overview

Quantity: 1 L

Product Details

Purification: 20X SSC pH 7.0 (3.0 M Sodium Chloride, 0.3 M Sodium Citrate, pH 7.0) DEPC Treated was aseptically filtered through a Millipore 0.22 micron filter into clean, pre-sterilized containers. 20X SSC pH 7.0 (3.0 M Sodium Chloride, 0.3 M Sodium Citrate, pH 7.0) DEPC Treated was tested on trypticase soy agar for 24 hours, 48 hours and 72 hours and was found to be negative for bacteria.

Sterility: Aseptic filtered

Application Details

Application Notes: Application Note: 20X SSC pH 7.0 (3.0 M Sodium Chloride, 0.3 M Sodium Citrate, pH 7.0) DEPC Treated is a concentrated stock solution and should be diluted appropriately with distilled, deionized water or equivalent to its final working concentration. 20X SSC pH 7.0 (3.0 M Sodium Chloride, 0.3 M Sodium Citrate, pH 7.0) DEPC Treated contains 3.0 M Sodium Chloride, 0.3 M Sodium Citrate adjusted to pH 7.0. Meticulously prepared using ultra pure reagents dissolved in highly polished pharmaceutical grade deionized water treated with diethyl pyrocarbonate (DEPC).

Comment: Synonyms: Saline-sodium citrate, sodium chloride sodium citrate, SSC
Background: 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 complementary sequences (such as Southern and Northern blotting, in situ hybridization, or DNA microarrays). SSC is used to help control the stringency of hybridization in these steps.

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 20 X

Buffer: Buffer: See application note.
Stabilizer: None

Preservative: Without preservative

Storage: RT

Expiry Date: 6 months