

SSC Buffer (20×, pH 7.4)

Cat. No.: S1518778 | Pack size: 500 mL | Storage: Room temperature

Overview

SSC Buffer is primarily composed of sodium chloride and sodium citrate. It is suitable for various nucleic acid hybridization experiments, including RNA hybridization (Northern blot) and DNA hybridization (Southern blot).

SSC Buffer (20×, pH 7.4) is a concentrated buffer with a pH of approximately 7.4. It should be diluted to a 1× working solution before use and is a commonly used buffer system in nucleic acid hybridization experiments.

This reagent is for research use only. Not for use in diagnostic procedures or other purposes.

Procedure (For Reference Only)

According to experimental requirements, take an appropriate amount of SSC Buffer (20×, pH 7.4) and dilute to 1× with deionized water or distilled water before use.

Notes

- If the single-use volume is small, it is recommended to aliquot the reagent before use to reduce the risk of contamination and repeated freezing and thawing.
- Please wear laboratory appropriate attire and disposable gloves during operation to ensure experimental safety.
- Use the reagent as soon as possible after opening and keep it sealed to avoid affecting subsequent experimental results.

Specifications

Attribute	Value
Synonyms	Saline Sodium Citrate Buffer (20×, pH 7.4) Saline-Sodium Citrate Buffer 20× SSC Concentrate
Specifications & Purity	BioReagent, Suitable for molecular biology, for DNA and RNA applications, sterile, 20×

Attribute	Value
Stability And Storage	Store at room temperature long term (12 months). Upon receipt, it is recommended to aliquot.
Storage Conditions	Room temperature
Shipped In	Normal
Grade	BioReagent, for DNA and RNA applications, sterile, Suitable for molecular biology
pH	7.4

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Limitations & Disclaimer

- For Research Use Only (RUO). Not for use in human or animal diagnostics, therapeutics, or in vivo applications. Not for food, cosmetic, or household use.
- This product is not a CE-marked in vitro diagnostic device under IVDR (EU) 2017/746 and is not an FDA-cleared device under 21 CFR. Use is restricted to verified businesses, institutions, and qualified professionals for research and development purposes.
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