

SSC Buffer (20×, pH 7.0, RNase Free)

Cat. No.: S1518774 | 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 7.0, RNase Free) is a concentrated buffer with a pH value of approximately 7.0. It has been treated to be RNase-free and then sterilized by autoclaving. It is primarily used for RNA hybridization.

For research use only. Not for use in diagnostic procedures.

Instructions (For Reference Only)

Based on the experimental requirements, take an appropriate amount of SSC Buffer (20×, pH 7.0, RNase Free) and dilute it to 1× with DEPC- treated water before use.

Precautions

- If the volume required for a single use is small, it is recommended to aliquot the reagent before use to reduce the risk of contamination and repeated freeze-thaw cycles.
- Please wear laboratory attire and disposable gloves during operation to ensure experimental safety.
- Once opened, use the reagent promptly and seal it properly for storage to avoid compromising future experimental results.

Specifications

Property	Value
Synonyms	Saline Sodium Citrate Buffer (20×, pH 7.0) Saline-Sodium Citrate Buffer 20× SSC Concentrate
Specifications & Purity	BioReagent, Suitable for molecular biology, RNase free, sterile, for DNA and RNA applications, 20×
Stability And Storage	Store at room temperature long term (12 months).
Storage Conditions	Room temperature

Property	Value
Shipped In	Normal

Contact & Global Offices

Whether you have a technical question, need help with a quotation, or want to inquire about an order, our regional teams are ready to assist. Please contact the office for your region; for general inquiries, the North American office is the corporate primary.

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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.
- Where any kit component is classified as hazardous under CLP (EC) 1272/2008 or OSHA HCS (29 CFR 1910.1200), the product Safety Data Sheet (SDS) takes precedence over this document for handling, storage, and disposal information.
- Performance depends on sample type, sample condition, handling, and operator technique. Users are responsible for validating the kit for their specific application.
- Aladdin product labels, SDS, COA, and approved specifications take precedence over this document. If product formulation, label, SDS, storage conditions, pack size, or quality specifications change, this document must be reviewed and reissued.