

| Doc. No. | Rev | Effective Date |
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| PI28 | 2 | 08JUL2024 |

NAP (Nucleic Acid Preservation) Buffer

Product Description

This Nucleic Acid Preservation buffer is recommended for the preservation of RNA and DNA. The buffer is intended for collection, transport and preservation of clinical specimens to be processed with molecular diagnostics platforms. When cryopreservation is not possible, the NAP buffer is an economical alternative for RNA preservation at ambient temperature for at least 2 months and DNA preservation for at least 10 months. The buffer acts as a storage reagent that both stabilises and protects cellular RNA and DNA in samples at ambient temperatures by penetrating the sample and deactivating the nucleases present in the sample.

This buffer has been aseptically filtered to 0.2 micron and is manufacturing using ultra pure RNase/DNase free water.

Product Specification

| Product Description | Concentration |
|---|---------------|
| EDTA disodium salt dihydrate | 0.02 mol/L |
| Sodium Citrate trisodium salt dihydrate | 0.0285 mol/L |
| Ammonium Sulphate | 5.294 mol/L |

Product information

| Product Code | Product Description | Size |
|--------------|--|-------|
| LSG-1112U | Nucleic Acid Preservation (NAP) RNA/DNA Stabilisation Buffer | 3mL |
| LSG-1112A | Nucleic Acid Preservation (NAP) RNA/DNA Stabilisation Buffer | 500mL |
| LSG-1112B | Nucleic Acid Preservation (NAP) RNA/DNA Stabilisation Buffer | 100mL |

Storage

Product is stored at ambient temperatures

Shelf life

12 months

For Cell Culture, further Manufacturing and Research use only. Not approved for human or veterinary use, for application to humans or animals, or for use in therapeutic, clinical or *in vitro* procedures.

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Support

To learn more, contact us by phone at +44 1234 889180 or email sales@lifesciencegroup.co.uk

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