

Doc. No.	Rev	Effective Date
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 manufactured 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.**

### QUALITY - TRACEABILITY - INTEGRITY

#### Life Science Production

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## Support

To learn more, contact us by phone at +44 1234 889180 or email [sales@lifesciencegroup.co.uk](mailto:sales@lifesciencegroup.co.uk)

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