

## Datasheet

### BioServUK MagBead L6 Viral RNA Lysis Buffer

BioServUK MagBead L6 Viral RNA Lysis Buffer is intended for the isolation and purification of total nucleic acids (DNA/RNA) from biological specimens for in vitro diagnostic procedures. The L6 buffer is recommended by the COVID-19 Consortium, UK and has been manufactured according to their SOP Method 11 (Added 9 April 2020, Updated 27 April 2020 and 11 May 2020).

BioServUK MagBead L6 Viral RNA Lysis Buffer is designed for:

- Nasopharyngeal swab samples
- Lysis of DTT pre-treated sputum samples which had been spun down to pellets before adding the RNA Lysis buffer
- Enhanced viral RNA yield – Optimal RNA Extraction Efficiency
- Stabilization of nucleic acids with lysates
- Nucleic acid purification using magnetic beads
- Viral Inactivation buffer (as stated by the COVID-19 Consortium, a partnership between The Francis Crick Institute, Health Services laboratory, Institute of Cancer Research and University College London Hospital NHS Trust, UK)
- Chemical inactivation of wet and dry swabs (SOP Method 2, The COVID-19 Consortium, a partnership between The Francis Crick Institute, Health Services laboratory, Institute of Cancer Research and University College London Hospital NHS Trust, UK)

#### Specifications and Contents

Proprietary formulation: Contains 60% Guanidine Thiocyanate (GITC), EDTA, Triton X-100, Tris pH 7.25.

Storage: +15 – 25°C

Shelf-life: 12 months from date of manufacture.

End-Utility: Use as directed in your protocol. Compatible with commercially available RNA and DNA extraction kits comprising magnetic beads or spin columns, prior to RT-qPCR.

For Faster RNA Extraction: Add 80% ethanol 1:1 with L6 buffer for direct MagBead purification application.

#### Precautions

**DO NOT** add bleach or acidic solutions directly to the sample-preparation waste. Guanidine Thiocyanate in the sample-preparation waste can form highly reactive compounds when combined with bleach and/or acid.

#### Ordering Information

| Product Code   | Description                                | Pack Size   |
|----------------|--|-------------|
| BSV-COV-L6-005 | MagBead L6 Viral RNA Lysis Buffer (500 ml) | 2 x 250 ml  |
| BSV-COV-L6-006 | MagBead L6 Viral RNA Lysis Buffer (10 L)   | 40 x 250 ml |

The MagBead L6 Viral RNA Lysis Buffer can be provided in bulk format or aliquoted into 10 ml (15.5 x 100 mm) flat bottom tubes. Email [info@bioservuk.com](mailto:info@bioservuk.com) for more information.