

BioServUK MagBead L6 Viral RNA Lysis Buffer

Technical Datasheet

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
- Virus 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 (500ml)	2 x 250 ml
BSV-COV-L6-006	MagBead L6 Viral RNA Lysis Buffer (10L)	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 for more information.