

Sterile Viral Transport and Preservation Medium Datasheet

Description	Sterile Viral Transport and Preservation Medium
Filtration	0.2µm sterile-filtered
Shelf life	12 months from date of manufacture
Storage	Ambient Temperature
Shipping Conditions	Ambient Temperature
IVD	For <i>in vitro</i> diagnostic procedures

Description: BioServUK's viral transport and preservation medium is designed for the safe preservation and transport of viruses such as coronaviruses, chlamydiae, and mycoplasma clinical samples for performance evaluation in PCR, RT-PCR, cell culture methods and other IVD procedures. The media contains multiple antibiotics to prevent bacterial and fungal contamination and is supplied in sterile vials.

The viral transport and preservation medium is manufactured according to CDC (Centers for Disease Control and Prevention; **SOP#: DSR-052-01**).

Specifications:

Physical and Chemical Analysis	Method	Specifications	Units
Appearance	Visual	Clear, Colourless Solution	n/a
pH @ 25°C	Electronic pH Meter	7.0 - 7.6	n/a
Osmolality	Osmometer	260 -310	mOsm/kg
Endotoxin	LAL Kinetic	≤ 1.0	EU/ml
Sterility			
Bacteria/Bioburden	Internally Validated	<5	cfu/ml
Fungi (Yeast & Mold)	Internally Validated	Not detected	n/a




Formulation:

Component	Concentration
Heat Inactivated Fetal Bovine Serum	2% v/v
Calcium chloride anhydrous	140.000 mg/L
D-Glucose	1000.000 mg/L
Magnesium sulfate	98.000 mg/L
Potassium chloride	400.000 mg/L
Potassium phosphate monobasic anhydrous	60.000 mg/L
Sodium bicarbonate	350.000 mg/L
Sodium chloride	8000.000 mg/L
Sodium phosphate dibasic anhydrous	48.000 mg/L
Amphotericin B	0.500 mg/L
Gentamycin sulphate	100.000 mg/L

**CAUTION: THIS PRODUCT IS INTENDED FOR *IN VITRO* DIAGNOSTIC USE.
For transport of specimens only. Not to be taken internally.**

Tube Specifications

Our Viral Transport Medium is available in three different tube formats:

Tube type	Image	Volume of VTM per Vial*	Dimensions	Working Volume
Conical bottom		3 ml	H: 120 mm W: 17 mm	15 ml
Flat bottom		1 ml or 3 ml	H: 98.80 mm (capped height) W: 15.50 mm at base	10 ml
Round bottom		1 ml or 3 ml	H: 100 mm W: 13 mm	6.5 ml

*Custom fills of 0.5 ml to 3 ml are also available from BioServUK. Please enquire at info@bioservuk.com for any specific requirements.

Typical Protocol

1. Use a swab to collect the sample specimens. Open the cap of the transport tube.
2. Put the swab into the Viral Transport Medium. After sampling, break the swab shaft, leaving the swab inside the tube. Close the cap back on the tube.
3. Send the tube for analysis.

Note: For best results of pathogen culture recovery, tube containing the sample should be stored at +2 to +8°C. If long-term preservation is required, freeze at -70°C or below.

Ordering Information

Product code	Description	Pack size
BSV-VTM-001	Sterile Viral Transport and Preservation Medium (15 ml Conical bottom tube)	100 x 3 ml
BSV-VTM-002	Sterile Viral Transport and Preservation Medium (15 ml Conical bottom tube)	500 x 3 ml
BSV-VTM-003	Sterile Viral Transport and Preservation Medium (10 ml Flat bottom tube)	100 x 1 ml
BSV-VTM-004	Sterile Viral Transport and Preservation Medium (10 ml Flat bottom tube)	500 x 1 ml
BSV-VTM-005	Sterile Viral Transport and Preservation Medium (10 ml Flat bottom tube)	100 x 3 ml
BSV-VTM-006	Sterile Viral Transport and Preservation Medium (10 ml Flat bottom tube)	500 x 3 ml
BSV-VTM-007	Sterile Viral Transport and Preservation Medium (6.5 ml Round bottom tube)	100 x 1 ml
BSV-VTM-008	Sterile Viral Transport and Preservation Medium (6.5 ml Round bottom tube)	500 x 1 ml
BSV-VTM-009	Sterile Viral Transport and Preservation Medium (6.5 ml Round bottom tube)	100 x 3 ml
BSV-VTM-010	Sterile Viral Transport and Preservation Medium (6.5 ml Round bottom tube)	500 x 3 ml

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