

# $\Sigma$ - Virocult<sup>®</sup>

## Virus Specimen Transport for Molecular and Culture Techniques



### Virocult Medium

- Respiratory viruses
- STD's
- Skin lesions
- Enteric viruses
- Compatible with molecular techniques
- Compatible with RT-PCR
- Compatible with culture

### $\Sigma$ -Swab<sup>®</sup>

- Open-celled foam bud
- Optimum absorption and release
- Optimum performance with molecular test systems



$\Sigma$  - Virocult<sup>®</sup> features a unique open cell structure.

# Σ-Virocult®

Virus specimen transport For Molecular and Culture Techniques

Σ-Virocult® combines Medical Wire's open cell bud Sigma-Swab® with Virocult® medium, the leading transport medium for virus specimens.

## Σ-Virocult® just for viruses

Virocult® has long been recognised as one of the best transport devices for viruses, demonstrating survival of many types of virus at ambient temperatures, including Herpes Simplex Virus, Varicella-Zoster Virus, Influenza Type A (including Novel H1N1, H5N1, and H3N2), Influenza Type B, respiratory syncytial virus, mumps virus, adenovirus, rhinovirus, and various enterovirus. Virocult® medium stabilises virus

particles allowing long survival, and contains antimicrobials to prevent the growth of any bacteria and fungi present in the specimen.

## Σ-Virocult® best for collection

Sigma-Virocult® is supplied with Sigma-Swab®, for optimum uptake and release of target microorganisms, and complete flow-through of reagents,

## Σ-Virocult® is available in a range of formats

Standard Sigma-Swab® is suitable for general swab applications such as skin lesions, nose and throat. Mini Tip Sigma-Swab® is suitable for nasopharyngeal and urethral sampling. It is stored at

room temperature, with a shelf life of 1 year. Specimens, once collected, can be transported under ambient or refrigerator temperature conditions.

### Sigma-Swab®

- Open-celled foam bud
- Optimum absorption and release
- Optimum performance with molecular test systems
- Standard shaft or ENT/urethral

### Virocult® medium

- Optimum recovery of target organisms
- Optimum compatibility with molecular test systems
- Antibiotics inhibit bacteria and fungi
- Recovers wide range of respiratory, genital and enteric viruses
- Transport specimens at ambient temperatures
- Choice of fill volume

### References:

- 1 Valette, M., M. Bouscambert-Duchamp, R. Fanget, S. Lambert & B. Lina, 2010, Comparison Of Virocult® Swab, Σ-Swab® And Σ-Virocult® For Influenza A Viability For Cell Culture And Molecular Detection, Poster S84, Clinical Virology Symposium 2010, Daytona Beach
- 2 Eltringham, G.J.A., A. Rudsdale & C. Hill, Detection of Influenza A (Pandemic H1N1v), RSV, Rhinovirus and other respiratory viruses in different populations using Sigma-Virocult® Poster P10, European Society for Clinical Virology, Winter Meeting, London, 13-15 January 2011
- 3 Eltringham, G.J.A., A. Rudsdale & C. Hill, Prevalence of respiratory viruses in different populations using Sigma-Virocult® IBMS, Biomedical Science Congress, Birmingham 26-28 September, 2011
- 4 Sharma, E. & J. Lindeman, 2010, Laboratory Evaluation of Σ-Virocult® Transport Swabs with Herpes simplex virus type 2 and Adenovirus type 3. Σ-Virocult® Technical File
- 5 Rudsdale, A. & D. Shedden, 2009, Investigation of the suitability of the Virocult® swab transport device for influenza A specimens which are to be analysed by cell-culture or molecular techniques. Poster M42, 25th Clinical Virology Symposium 2009, Daytona Beach.
- 6 Rudsdale, A. 2009, Evaluation of a virology specimen transport device with six viruses using CLSI Standard M40-A. Poster C-053 ASM 109th General Meeting, Philadelphia.
- 7 Lina, B., et al. 1996, Surveillance of community-acquired viral infections due to respiratory viruses in Rhone-Alps (France) during winter 1994 to 1995. J Clin. Microbiol. 34:3007-3011.
- 8 CLSI, 2003 'Quality Control of Microbiological Transport Systems'; Approved Standard M40-A. CLSI (formerly NCCLS) document M40-A [ISBN 1-56238-528]. CLSI, 940 West Valley Road, Suite 1400, Wayne, Pennsylvania 19087-1898 USA, 2003.
- 9 Johnson F. B., 1990, Transport of Viral Specimens., Clinical Microbiology Reviews, 3: 120 – 131

## Order Information

Code	Vial	Swab configuration	Fill	Pack
<b>MW951S</b>	Small	1 Standard Sigma Swab® with breakpoint	1.ml	125
<b>MW951SENT</b>	Small	1 Mini tip Sigma Swab® with breakpoint	1.ml	125
<b>MW951S2</b>	Small	2 Standard Sigma Swab® with breakpoint	1.ml	125
<b>MW951T</b>	Small	Tube of medium only	1.ml	50
<b>MW9501S</b>	Large	1 Standard Sigma Swab® with breakpoint	2.ml	125
<b>MW950SENT</b>	Large	1 Mini tip Sigma Swab® with breakpoint	2.ml	125
<b>MW950S2</b>	Large	2 Standard Sigma Swab® with breakpoint	2.ml	125
<b>MW950SE2</b>	Large	1 Standard, 1 Mini tip Sigma Swab® with breakpoint	2.ml	125
<b>MW950T</b>	Large	Tube of medium only	2.ml	125

### Σ-Virocult® is CE-marked

Sigma-Virocult® conforms to the requirements of the European Medical Devices Directive and In Vitro Medical Devices Directives

### Σ-Virocult® validated to M40-A

Virocult® & Sigma-Virocult® are validated according to CLSI's M40-A standard for viral culture transport devices, which requires survival of reference strains for at least 96 hours at ambient or refrigerated temperatures.