

# $\Sigma$ -VCM<sup>®</sup>

Collection and Transport for Viruses, Chlamydia,  
Mycoplasma and Ureaplasma

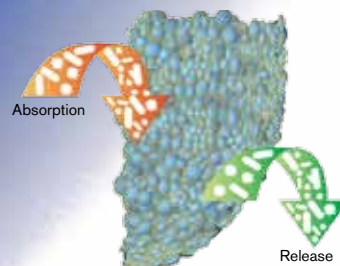


## $\Sigma$ -Swab<sup>®</sup>

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

## VCM medium

- Optimum recovery of target organisms
- Optimum compatibility with molecular test systems
- Antibiotics inhibit contaminating bacteria and fungi
- Choice of fill volume



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

# Σ-VCM<sup>®</sup>

## Collection and Transport for Viruses, Chlamydia, Mycoplasma and Ureaplasma

Included in Medical Wire's new range of preanalytics is Σ-VCM<sup>™</sup> for the collection and transportation of key pathogens, including novel H1N1 influenza virus (swine flu).



Retaining the well documented qualities of Virocult<sup>®</sup> medium, VCM<sup>™</sup> has been developed to make it suitable not only for viruses, but also for chlamydia, mycoplasma, ureaplasmas, and even certain important fastidious bacteria such as *Neisseria gonorrhoeae*. The base medium allows survival and recovery of the target organisms, while a new cocktail of antimicrobials prevents the growth of most contaminating bacteria and fungi in the specimen. Target organisms can be identified by culture or

molecular techniques.

### Σ-VCM<sup>®</sup>, the truly universal transport device

Both independent and internal studies show that Sigma-VCM<sup>™</sup> will recover viruses, chlamydia, mycoplasmas and ureaplasmas so that they can be identified, either by gold standard cell culture methods, and by the new molecular techniques such as RT-PCR that are now routine in many laboratories.

### Σ-VCM<sup>™</sup> is available in a range of formats,

reflecting the many applications for which it can be used. It is supplied as a sterile device comprising a self-standing conical based vial with 1 ml or 3 ml of VCM<sup>™</sup> medium, and a choice of 1 or 2 Sigma-swabs<sup>®</sup>, 1 or 2 mini-tip Sigma-swabs<sup>®</sup>, or one of each.

- All standard versions come with glass beads in the Medium, but it is also possible to have Sigma-VCM<sup>™</sup> without beads, or to have tubes containing 1 ml or 3 ml of VCM<sup>™</sup> medium (with beads).
- Sigma-VCM<sup>™</sup> is supplied with Sigma-swabs<sup>®</sup>, the open cell foam tipped swabs which

allow optimum uptake and release of target microorganisms, and complete flow-through of reagents for optimum sensitivity for molecular test protocols. Standard Sigma-swab<sup>®</sup> is suitable for general swab applications such as skin lesions, nose and throat. Mini-tip Sigma-swabs<sup>®</sup> are suitable for nasopharyngeal and urethral sampling.

- Sigma-VCM<sup>™</sup> is compliant with CLSI's M40-A standard for the recovery of viruses, and has been tested in the same way\* for chlamydia and mycoplasmas (including ureaplasmas). Sigma-VCM<sup>®</sup> will also meet the requirements of M40-A for the recovery of *Neisseria gonorrhoeae*, making it the complete swab device for STD clinics.

\* M40-A does not specify requirements for chlamydia or mycoplasma live recoveries, but the criteria for bacteria and viruses were adapted to show better than acceptable performance for chlamydia and mycoplasma.

### Reference

CLSI. 'Quality Control of Microbiological Transport Systems'; Approved Standard M40-A. CLSI (formerly NCCLS) document M40-A. CLSI, 940 West Valley Road, Suite 1400, Wayne, Pennsylvania 19087-1898, USA, 2003.

## Order Information

Code	Vial	Swab configuration	Fill	Pack
MW910S	Small	1 Standard Sigma Swab with break point	1.0ml	125
MW911S	Small	1 Mini tip Sigma Swab with break point	1.0ml	125
MW912S	Small	1 Standard, 1 Mini tip Sigma Swab with break point	1.0ml	125
MW915T	Small	Tube only	1.0ml	50
MW916T	Small	Tube only	3.0ml	50
MW918S	Large	1 Standard Sigma Swab with break point	3.0ml	125
MW919S	Large	1 Mini tip Sigma Swab with break point	3.0ml	125
MW920S	Large	1 Standard, 1 Mini tip Sigma Swab with break point	3.0ml	125
MW921S	Large	2 Standard Sigma Swabs with break point	3.0ml	125
MW924S	Large	2 Standard Sigma Swabs with break point, no glass beads	1.5ml	125
MW925	Large	1 Standard Rayon Swab with break point	3.0ml	125
MW926T	Large	Tube only	3.0ml	50

