

Σ -VCM[®]

Universal Transport for Viruses, Chlamydia,
Mycoplasma and Ureaplasma

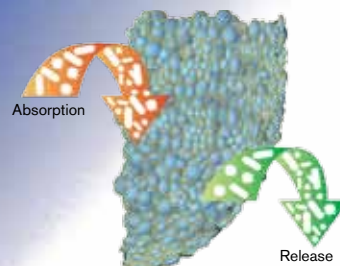


Σ -Swab[®]

- 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



Σ -Swab[®] features a unique open cell structure.

Σ-VCM®

Universal Transport for Viruses, Chlamydia, Mycoplasma and Ureaplasma

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



Retaining the well documented qualities of Virocult® medium, VCM 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®, the truly universal transport device

Both independent and internal studies show that Sigma-VCM® 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® 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 medium, and a choice of 1 or 2 Sigma-swabs®, 1 or 2 mini-tip Sigma-swabs®, or one of each.

- All standard versions come with glass beads in the Medium, but it is also possible to have Sigma-VCM® without beads, or to have tubes containing 1 ml or 3 ml of VCM medium (with beads).
- Sigma-VCM® is supplied with Sigma-swabs®, 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® is suitable for general swab applications such as skin lesions, nose and throat. Mini-tip Sigma-swabs® are suitable for nasopharyngeal and urethral sampling.

- Sigma-VCM® 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® 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

