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MEDICAL WIRE

Σ-VCM™

**Universal Transport Device for Viruses, Chlamydia, Mycoplasma
and Ureaplasmas**



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Included in Medical Wire's range of preanalytics is Σ-VCM™ for the collection and transportation of key pathogens, including novel H1N1 influenza virus (swine flu) and SARS-CoV-2.



Σ-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 Σ-VCM™ will recover viruses, chlamydia, mycoplasma and ureaplasmas so that they can be identified, either by cell culture methods, or by the 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 1ml, 2ml or 3ml of Σ-VCM™ medium, and a choice of 1 or 2 swabs, 1 or 2 mini-tip swabs, or 1 of each.

The standard formats come with glass beads in the medium, it is however possible to have Σ-VCM™ without beads if required.

Σ-VCM™ is supplied 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.

FEATURES

- Liquid VCM™ recovers viruses, Chlamydia, mycoplasma & ureaplasma, and *Neisseria gonorrhoeae*
- Single Σ-Swab™
- Compatible with molecular & cell culture techniques

BENEFITS

- Single medium for urogenital specimens
- Suitable for molecular and conventional techniques including cell culture
- Liquid phase ideal for multiple aliquoting

A standard size swab is suitable for general swab applications such as skin lesions, nose and throat. Mini-tip swabs are suitable for nasopharyngeal and urethral sampling.

Σ-VCM™ is compliant with CLSI's M40-A2 standard for the recovery of viruses, and has been tested in the same way* for chlamydia and mycoplasma (including ureaplasmas).

Σ-VCM™ also meets the requirements of M40-A2 for the recovery of *Neisseria gonorrhoeae*, making it the complete swab device for Sexual Health Clinics.

*M40-A2 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.

SWAB

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

MEDIA

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

List of Product Options (Variants)

Code	Name	Cap Colour	Length	Pack Size
Small Vial Tube size: 81mm (h) x 12mm (Ø) Cap size: 15mm (h) x 17mm (Ø) Tube with cap: 83mm (h)				
MW910S	Σ-VCM™ Liquid VCM Standard Tip	Red	15cm	125
MW910S3ML	Σ-VCM™ Liquid VCM 3ml Standard Tip	Red	15cm	125
MW911PF2ML	Σ-VCM™ Liquid VCM 2ml Flexible Shaft Mini Tip PurFlock®	Red	15cm	125
MW911S	Σ-VCM™ Liquid VCM Flexible Shaft Mini	Red	15cm	125
MW912S	Σ-VCM™ Liquid VCM Duo Standard and Mini Tip	Red	15cm	125
MW913PF2ML	Σ-VCM™ Liquid VCM 2ml Flexible Shaft Micro Ultrafine Tip PurFlock®	Red	15cm	125
MW914PF2ML	Σ-VCM™ Liquid VCM 2ml Duo Standard and Mini Tip PurFlock®	Red	15cm	125
MW915T	Σ-VCM™ Liquid VCM 1ml with No Swab	Red		50
MW916T	Σ-VCM™ Liquid VCM 3ml with No Swab	Red		50
Large Vial Tube size: 101mm (h) x 15mm (Ø) Cap size: 16mm (h) x 20mm (Ø) Tube with cap: 103mm (h)				
MW918S	Σ-VCM™ Liquid VCM Tapered Shaft Standard Tip Large Vial	Red	15cm	125
MW919S	Σ-VCM™ Liquid VCM Flexible Shaft Mini Tip Large Vial	Red	15cm	125
MW920S	Σ-VCM™ Liquid VCM 3ml Duo Standard and Mini Tip Large Vial	Red	15cm	125
MW921S	Σ-VCM™ Liquid VCM 3ml Duo Two Standard Tip Large Vial	Red	15cm	125
MW926T	Σ-VCM™ Liquid VCM 3ml Large Vial	Red		50

All products listed above have a 1 year shelf life



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