

Σ-VCM™

Universal Transport for Viruses, Chlamydia, Mycoplasma and Ureaplasmas

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. Public Health England (UK) has confirmed that Σ-MM™ provides effective inactivation of SARS-CoV-2 and the Luton and Dunstable University Hospital proved that Σ-MM™ was also completely effective at killing MRSA and CRE at all concentrations tested.

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 gold standard cell culture methods, or 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 1ml or 3ml of Σ-VCM™ medium, and a choice of 1 or 2 swabs, 1 or 2 mini-tip swabs, or 1 of each.

All the standard versions come with glass beads in the medium, but it is also possible to have Σ-VCM™ without beads, or to have tubes containing 1ml or 3ml of VCM medium (with beads).

Σ-VCM™ is supplied with swabs, the open cell foam tipped swabs which allow optimum uptake and release of target

FEATURES

- Liquid Virocult® medium for ease of processing
- Foam swab with integral swab capture
- Compatible with molecular and cell culture techniques

BENEFITS

- Optimum recovery of viruses at ambient and refrigerated conditions
- Ideal for molecular and cell culture systems
- Liquid phase ready for multiple aliquoting

microorganisms, and complete flow-through of reagents for optimum sensitivity for molecular test protocols. Standard 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-A 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-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.

SWAB

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

MEDIUM

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

List of Product Options (Variants)

Code	EAN	Name	Cap Colour	Length	Quantity	Pack Size	No. in Case	Shelf Life
MW910S	05060259070587	Σ-VCM™ Liquid VCM Standard Tip	Red	15cm	1	125	1000	1 Year
MW910S3ML	05060259072970	Σ-VCM™ Liquid VCM 3ml Standard Tip	Red	15cm	1	125	1000	1 Year
MW911PF2ML	05060259074691	Σ-VCM™ Liquid VCM 2ml Flexible Shaft Mini Tip PurFlock®	Red	15cm	1	125	1000	1 Year
MW911S	05060259070594	Σ-VCM™ Liquid VCM Flexible Shaft Mini	Red	15cm	1	125	1000	1 Year
MW912S	05060259070600	Σ-VCM™ Liquid VCM Duo Standard and Mini Tip	Red	15cm	1	125	1000	1 Year
MW913PF2ML	05060259076770	Σ-VCM™ Liquid VCM 2ml Flexible Shaft Micro Ultrafine Tip PurFlock®	Red	15cm	1	125	1000	1 Year
MW914PF2ML	05060259076787	Σ-VCM™ Liquid VCM 2ml Duo Standard and Mini Tip PurFlock®	Red	15cm	1	125	1000	1 Year
MW915T	05060259070617	Σ-VCM™ Liquid VCM 1ml with No Swab	Red	-	1	50	-	1 Year
MW916T	05060259070624	Σ-VCM™ Liquid VCM 3ml with No Swab	Red	-	1	50	-	1 Year
MW918S	05060259070631	Σ-VCM™ Liquid VCM Tapered Shaft Standard Tip Large Vial	Red	15cm	1	125	1000	1 Year
MW919S	05060259070648	Σ-VCM™ Liquid VCM Flexible Shaft Mini Tip Large Vial	Red	15cm	1	125	1000	1 Year
MW920S	05060259070655	Σ-VCM™ Liquid VCM 3ml Duo Standard and Mini Tip Large Vial	Red	15cm	1	125	1000	1 Year
MW921S	05060259070662	Σ-VCM™ Liquid VCM 3ml Duo Two Standard Tip Large Vial	Red	15cm	1	125	1000	1 Year
MW924S	05060259070679	Σ-VCM™ Liquid VCM 1.5ml Duo Two Standard Tip Large Vial No Beads	Red	15cm	1	125	1000	1 Year
MW926T	05060259070693	Σ-VCM™ Liquid VCM 3ml Large Vial	Red	-	1	50	-	1 Year

