

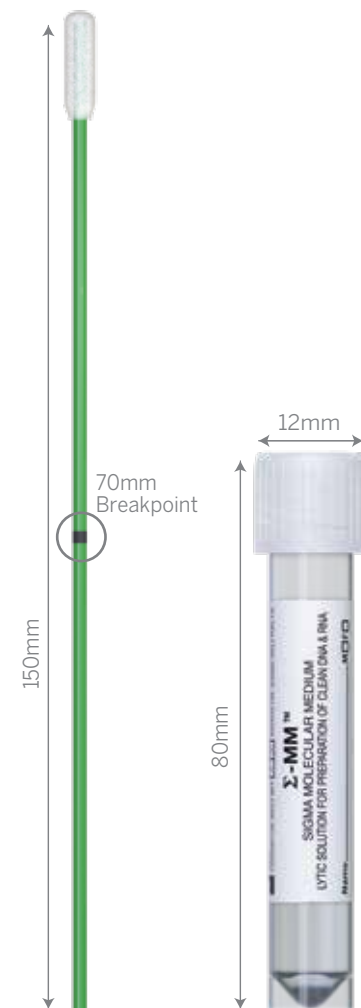
Σ-MM™ inactivation media ensures highly infectious pathogens are rapidly neutralized, making specimens safe for transport and molecular analysis. Within 60 seconds, bacteria, candida, mycobacteria, and viruses are killed, while the DNA and RNA, remain intact for accurate testing.

While pathogens are neutralized, Σ-MM™ preserves and stabilizes nucleic acids by inactivating DNases and RNases. This guarantees intact DNA and RNA for downstream molecular testing across diagnostic platforms, including PCR systems. No interference with chemistry has been observed, ensuring reliable results.

Specimens collected into Σ-MM™ can be transported at ambient temperatures, eliminating the need for refrigeration or freezing. The ready-to-use format simplifies workflows and supports both local and international transport, even for high-risk samples. Validated by Public Health England* and leading hospitals, Σ-MM™ offers proven effectiveness against a wide range of pathogens, including CRE, Influenza A/B, and numerous Gram-positive and Gram-negative bacteria.

*Now the UK Health Security Agency (UKHSA)

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Rapid Pathogen Elimination: Powerful reagents immediately kill deadly microorganisms, including bacteria, mycobacteria, candida, and viruses (such as SARS-CoV-2), ensuring maximum safety
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Safe & Convenient Transport: Stable at ambient temperatures for easy handling and shipping without special storage requirements
- 
Complete Nuclease Inactivation: DNases and RNases are instantly neutralized, preserving DNA and RNA integrity for accurate molecular testing
- 
Universal Compatibility: Suitable for all microorganisms and works with any swab or liquid specimen, offering flexibility across sample types
- 
Ideal for High-Risk Samples: Designed for highly infectious clinical specimens, providing confidence in containment and downstream analysis



**STANDARD
FOAM SWAB**

**SMALL
VIAL**

Σ-MM™

LIQUID COLLECTION & TRANSPORT

MOST COMMON COLLECTION SITES



NASAL



SKIN & WOUNDS

SPECIMEN



VIRAL

METHOD



MOLECULAR

WHAT YOU NEED TO KNOW



Room Temp.



Virus
Collection



Molecular
Method

- Full Instructions for Use available on mwe.co.uk
- Shelf Life: 12-months
- Swab Length: 150mm
- Neutralises deadly pathogens in 60 seconds



	Product Code	Description	Pack Size	
1.5ML	MWMM	SIGMA MM™ - 12x80 Vial - 1.5ml Molecular Inactivation Medium	50	BEST SELLER
	MW0250	SIGMA MM™ - Standard Plastic Green Foam Printed 70mm Breakpoint - 12x80 Vial - 1.5ml Molecular Inactivation Medium	50	

Innovation Starts With You

We are continuously researching and developing new products to enhance specimen collection and transportation workflows. Our mission is to ensure every specimen is collected and transported in its optimum condition, enabling the most accurate and reliable results — because results matter.

Do you have an idea for a new product or a variation of an existing one? Whether you're looking for something similar to what we offer or something completely different, we'd love to hear from you. Our team is here to collaborate and explore how we can bring your vision to life.

Your ideas can shape the future of specimen handling. Get in touch today!

Discover More

Validate your choice with evidence of MWE product performance.

Access our **Knowledge Hub** to explore detailed case studies, peer-reviewed publications, and conference posters that highlight the reliability, accuracy, and real-world performance of our products across a range of laboratory and clinical applications.



We ensure every sample is collected and transported in optimal condition, delivering results that advance care, discovery, and progress.

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HAVE YOU THOUGHT ABOUT:

Need to keep viruses viable for accurate diagnostics? Explore SIGMA VIROCULT®, designed for reliable viral sample collection.

Looking for solutions for sexually transmitted infection sampling? Check out SIGMA VCM™, developed to maintain sample integrity for STI testing.