



LIQUID BASED MICROBIOLOGY - LBM[®]

Meeting your sample collection challenges



PIONEERING DIAGNOSTICS

THE SURE WAY TO PROTECT

As a busy lab you need to be sure sample quality won't slow down your workflow. Efficiently meet all liquid-based testing needs. Get your samples to the right place and be confident in your results – regardless of sample types and tests.

THE COMPLETE, MULTIPURPOSE SOLUTION

What kinds of media – in what kinds of containers – does your lab need to have on hand to **rapidly meet your customers' microbiology testing needs**? Now you can save time and costs by replacing multiple liquid collection devices with a single system. The LBM® range is designed for stable storage in a **universal tube format** for collection and transport, blood culture, sample pre-treatment and enrichment. The LBM® solution is the only universal liquid-based multipurpose system that maintains viability of aerobes, anaerobes and fastidious bacteria for **48 hours*** at room and refrigerator temperature in compliance with CLSI M40-A CLSI standards. Standardize your workflow, be confident of quality and traceability, and enjoy time/cost-savings.

- LBM® ESwab™ tubes work hand-in-hand with **FLOQSwab™ tip technology** for easy, safe collection and transport.
- Specially-designed for the **WASP® automated streaker**, so it goes seamlessly from collection to processing.
- **Precise, even Gram stains**: entire specimen elutes for homogenous suspension.
- **Long shelf life** without special storage.

* Keeps samples viable 48 hours at room or refrigerator temperature. Neisseria gonorrhoeae survival is 24 hours.

LBM® ESWAB™ WITH FLOQSwab™ TIP TECHNOLOGY

Universal LBM® Eswab™ with 1 mL liquid Amies



Capture cap grasps FLOQSwab™ for safe, easy transport and displacement directly in WASP®



Regular FLOQSwab™ with molded breakpoint



Tired of the mess and cost of different container types and multiple samples?

SAMPLE QUALITY.

our productivity. LBM® offers everything you need to
the lab in optimal condition, ensure standardization
sting methods.

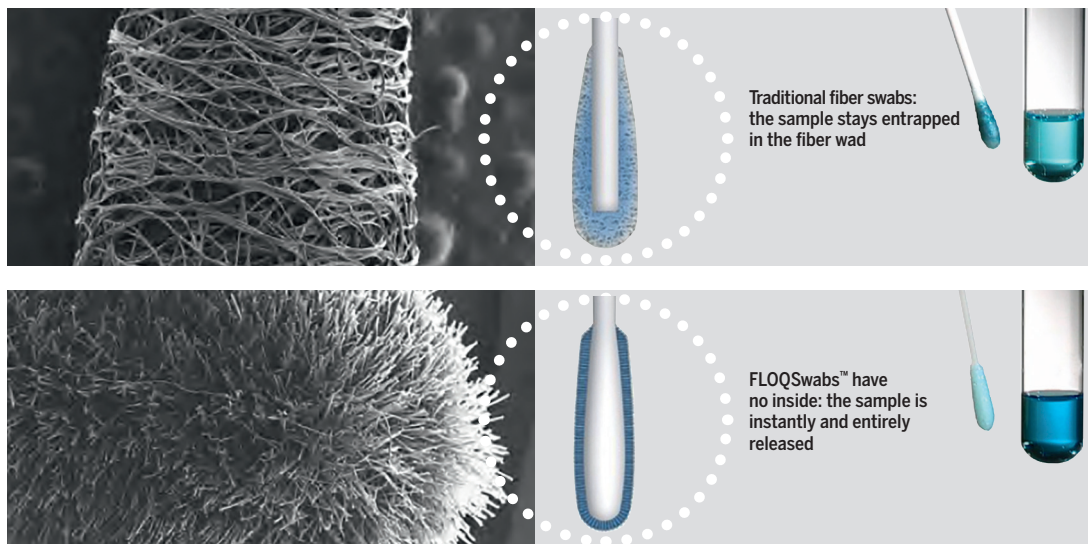
COLLECTION AS EASY AS 1-2-3

Just collect & snap – sample elutes immediately from FLOQSwab™ into the medium.



SWABS THAT DO MORE

FLOQSwab™ tip technology is the **patented, innovative flocked swab** that offers better sample collection. **The entire sample elutes immediately** into the medium, so more sample is available from each swab. There is less risk of contaminants and non-viable organisms than with traditional fiber swabs.



PATIENT COMFORT

- **Fewer tests** needed because entire sample elutes immediately into medium due to identical aliquots of liquid sample suspension.
- **Specialized FLOQSwab™** tips available for children or for particular sample sites.



A COMPLETE RANGE TO MEET YOUR NEEDS

LBM® COLLECTION & TRANSPORT DEVICES



- Color-coded caps
- «Classic» universal ESwab™
- Specialized kits for various sample types
- FecalSwab with Cary Blair broth
- MRSA kits with 2 or 3 FLOQSwab™ tips for pooling samples

Product and Ref.	Format available	Point of care	Capture Cap	Laboratory applications					
				Suitable for WASP®	Culture	Gram stain	Culture	Molecular biology	DFA
ESWAB 490CE.A	TUBE+ 1 REGULAR FLOQSwab	YES	YES	X	X	X	X	X	X
ESWAB 491CE.A	TUBE+ Mini tip FLOQSwab	YES	NO	X*	X	X	X	X	X
ESWAB 482CE	With NASOPHAR FLOQSwab	YES	NO	X*	X	X	X	X	X
FecalSwab 470CE.A	Tube + FLOQSwab	YES	YES	X	X		X	X	
ESWAB MRSA 493CE02	With 2 regular FLOQSwab	YES	YES	X	X	X	X	X	X
ESWAB MRSA 493CE03	With 3 regular FLOQSwab	YES	YES	X	X	X	X	X	X

Some references are also available in round tubes. Refer to your local partner for more details.

*Only after manually removing the tip from the tube

SELECTIVE & ENRICHMENT BROTHS



Product and REF	Format available	Point of care	Laboratory applications				
			Suitable for WASP®	Culture	Molecular biology	Rapide antigen test	Pre-enrichment
BHL Broth 474CE.A	3 ml Screw Cap Tube in bulk	NO	X	X	X	X	X
THIOL Broth 4U002N	Screw Cap Tube in bulk	NO	X*	X	X	X	X
SELENITE Broth 475CE.A	Tubes	NO	X	X	X	X	X
CAT Broth 094CE.A	2 ml Medium in 12x80mm Screw Cap Tube in bulk	YES	X*	X	X	X	X

BLOOD CULTURE TRANSFER



Tube with calibrated vacuum action used for transferring blood culture samples to WASP®. BC+ (Ref. 2U026S)



Suitable for positive blood culture workflow



SAMPLE PRE-TREATMENT



SL Solution 0E006N.A/Sputum Dipper sterile 096CS01

- Single container for transport, conservation and sputum liquefying.
- Suitable for WASP®

MANUAL OR AUTOMATED: YOU DECIDE

In the lab, you use testing methods that are best for the job at hand – shouldn't your devices be as flexible as you are? LBM® makes your daily workflow easier for all your manual and automated testing.

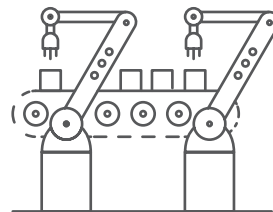
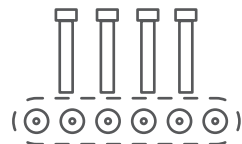
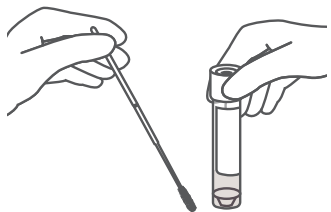
PUT IT TOGETHER WITH WASP®: GO FURTHER

LBM® ESwab™ is the only liquid-based system that is validated both for manual methods and **for use with the WASP® specimen processor**. With a unique open-platform system, WASP® automates most aspects of microbiology specimen management. When you use LBM® for processing with WASP®, you boost your lab efficiency even further:

- **Streamline workflow using same tubes** for manual & automated microbiology
- Easily ensure safety, standardization & traceability **throughout process**
- Use **same classic streaking patterns** whether manual or automated
- Variety of **specimen volumes** & any specimen **type**

WORKFLOW FROM COLLECTION TO RESULT

LBM® and WASP® are designed for **optimal workflow – your way**. Use straightforward techniques with universal tubes to ensure **standardization and traceability**. Enjoy the amount of automation that you need, growing if your needs evolve – without readapting your working style.



Ready to use
Liquefying samples for
a **total solution** in
pre-analytical
microbiology specimen
management

STANDARDIZATION - TRACEABILITY



EMPOWERING LABS WITH QUALITY MICROBIOLOGY SOLUTIONS

At bioMérieux, we've been **your partner for more than 50 years**, with innovations by microbiologists for microbiologist. Laboratories are challenged to meet ever-greater test volume requirements, while maintaining quality, safety, standardization and traceability. LBM[®] solutions adapt to your lab's workflow, and help you streamline processes, regardless of sample types or amount of automation needed. **You'll ensure sample quality from the moment of collection to the delivery of results.**

Please contact your local bioMérieux representative for availability of these solutions in your country.

Manufactured by
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