A close-up photograph showing a gloved hand holding a petri dish containing a red agar medium. Another gloved hand is using a white swab to collect a specimen from the agar surface. The background is a red plastic rack.

Simplify specimen collection,
transport and processing

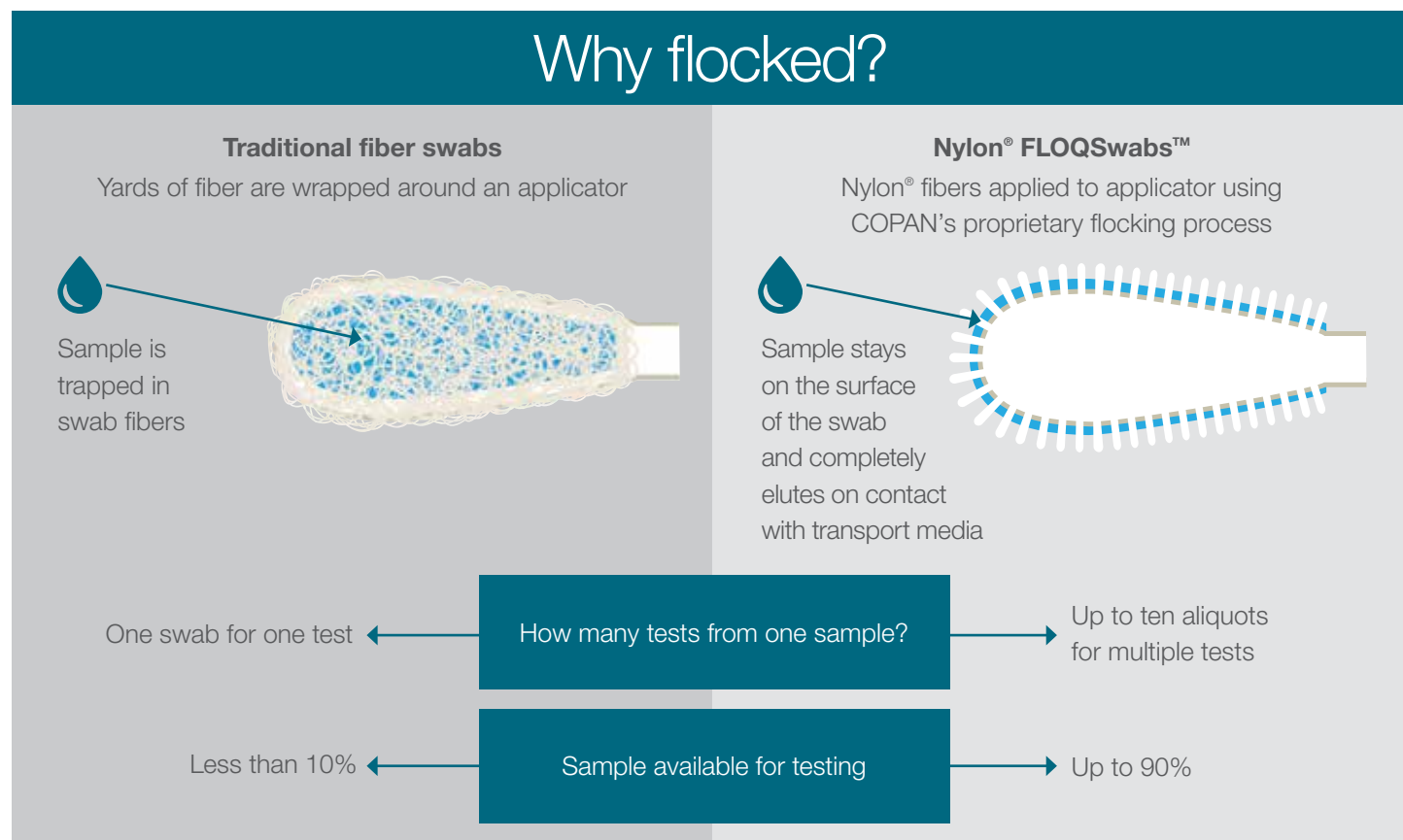
COPAN Liquid-Based Microbiology Solutions

Better specimen collection. Better diagnostics.

Patented original technology for optimal sample collection and diagnostics

Simplify specimen collection while maintaining sample integrity with COPAN Liquid-Based Microbiology (LBM) products, part of our comprehensive range of Thermo Scientific™ collection and transport solutions including fecal transport media, urine and sputum collection devices, and swabs.

By partnering with Thermo Fisher Scientific, you have access to a single source for not only collection and transport solutions, but also industry-recognized COPAN WASP™DT automated specimen processing, robust WASPLab™ full laboratory automation, and our extensive range of culture media available in formats made locally in the USA and optimized for automation. Take advantage of our best-in-class technical support, unmatched microbiology expertise and cost savings opportunities—ensuring your lab is efficient, responsive and competitive.

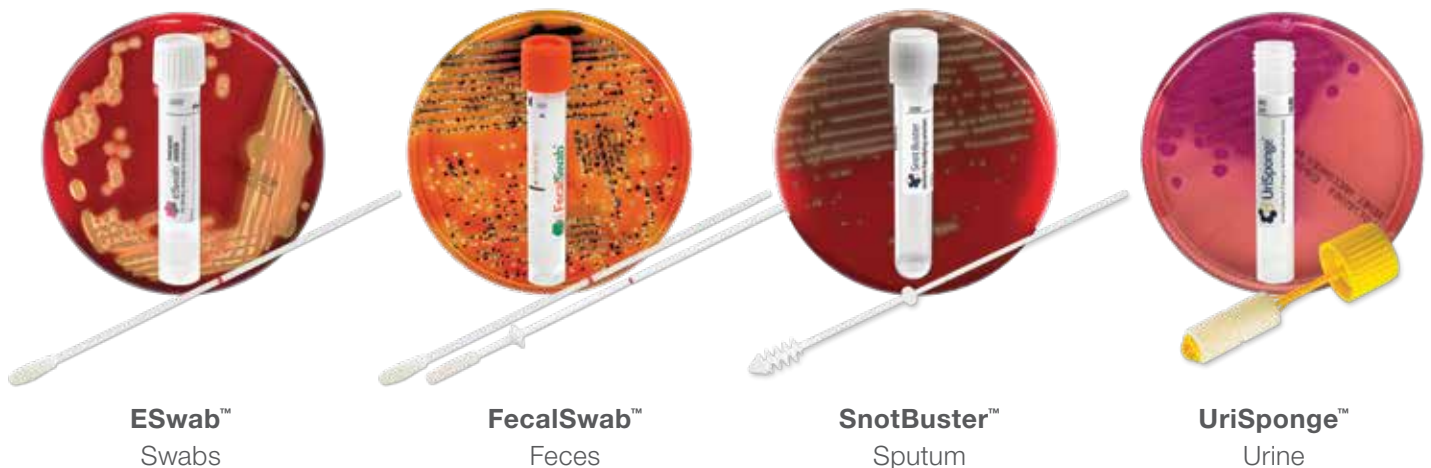


US Patents #8,114,027, #8,317,728, #8,979,784, #9,011,358, #9,173,779, European Patent #1608268, Canadian Patent #2515205, Japanese Patent #2007-523663, Australian Patent #2004226798, New Zealand Patent #541560, Chinese Patent #ZL200610099310.9

A liquid solution for microbiology samples

Developed by COPAN in 2006, LBM combines state-of-the-art FLOQSwabs with media—transforming challenging samples into easy-to-process, multi-purpose liquid samples.

The LBM line includes collection, transport and processing systems for the most common clinical microbiology samples.



Better diagnostics—FLOQSwabs paired with a liquid-based system give way to quantitative, measurable and consistent sample transfer. Evidence-based research shows that samples collected using FLOQSwabs improve test sensitivity, eluting more than 90% of the specimen.



Reduce costs—Broad range of testing applications eliminating costs associated with stocking numerous collection devices.



Patient comfort—Clinicians report better patient comfort due to ergonomic, anatomic swab design and softer texture. Additionally, because one sample can be used for multiple tests, fewer samples are collected from the patient.



Automation-ready—Liquid-based system is easily processed on automated specimen processors and liquid handling pipetting systems, minimizing manual handling.

Evidence-based, improved pathogen recovery, expanded testing capabilities, and better patient care

Patented liquid-based collection and transport system for microbiology swab samples

ESwab is a collection and transport system which is FDA-cleared for aerobic, anaerobic and fastidious bacteria, maintaining viability for up to 48 hours at room or refrigerator temperature (*Neisseria gonorrhoeae* survival at 24 hours per CLSI standard).



Improved pathogen recovery for traditional bacteriology culture.



Homogeneous sample for more consistent and precise Gram Stains.



Swab samples are easily processed on automated specimen processors, and automatic pipettors minimizing manual handling and maximizing investment in automation.



Validated for molecular and rapid antigen testing on an increasing number of manufacturers' platforms*.



* Always read the manufacturer's package insert for specific instructions regarding specimen collection and transport for the type of test kit being used.

Innovative ESwab system elutes over 90% of patient specimen into the Liquid Amies transport medium. Multiple investigations can be performed from the same sample:



Multiple culture plates



Rapid antigen tests



Automation



Gram stains



Molecular testing

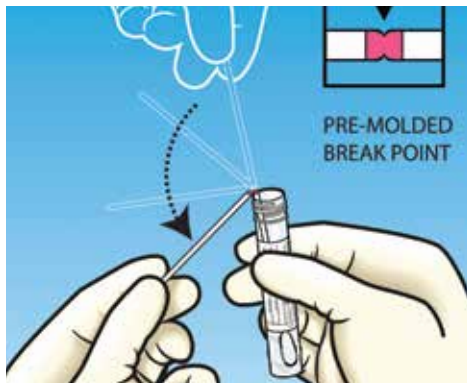


ESwab collection—quick guide



Collect

- Collect the patient sample using the swab. Avoid touching the swab applicator below the pink molded breakpoint.



Snap

- Remove cap from the tube and insert the swab to the bottom of the tube.
- Mash and mix stool specimen against the side of the tube to disperse.
- Holding the tube away from face, grasp the end of swab shaft and bend at a 180 degree angle to break at the pink breakpoint. If needed, gently rotate the swab shaft to complete the breakage.
- Screw the cap on tightly to prevent leakage.



Send

- Identify tube with patient information and send to laboratory.

Specimen collection should be performed by health care personnel who have completed training and demonstrated competency. Always read the manufacturer's package insert for specific instruction regarding specimen collection and transport for the type of test kit being used.

Simplify and standardize fecal sample collection, transport and processing, converting semi-solid fecal matter into liquid samples

Patented sample collection and preservation system for enteric bacteria

FecalSwab is a collection and transport system which is FDA-cleared for rectal swab and fecal specimens for enteric pathogen recovery using traditional bacteriology culture. The system is also compatible with enteric molecular assays for bacteria, viruses and parasites where package inserts indicate Cary-Blair systems for sample collection.*



Smaller sample quantity, eliminating the need to vent the container, preventing messy accidents during processing.



Compact alternative for space efficient transportation compared with traditional bulky fecal containers.



Stool samples are easily processed on automated specimen processors, and automatic pipettors minimizing manual handling and mess and maximizing investment in automation.



* Always read the manufacturer's package insert for specific instructions regarding specimen collection and transport for the type of test kit being used.



FecalSwab system can also be used for rectal collection



Speed time to treatment by collecting a sample immediately, without having to wait for the patient to submit a fecal specimen.



Pediatric sample collection is simplified using the rectal swab rather than feces taken from diapers, which contain material that may cause interference in some tests.

Available with intuitive stopper anatomically designed to ensure the swab tip reaches the transition zone of the rectum for standardized rectal swab sample collection

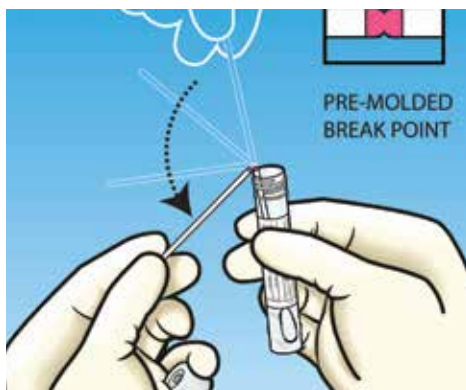
FecalSwab collection—quick guide



Collect

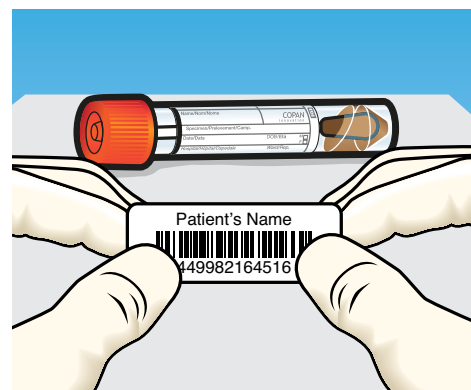
- Collect a small amount of sample by rotating swab tip to cover it with feces. Avoid touching the swab applicator below the pink molded breakpoint.

Sample can also be obtained by taking a rectal swab (refer to package insert and institution standard operation procedures for instructions).



Snap

- Remove cap from the tube and insert the swab to the bottom of the tube.
- Mash and mix stool specimen against the side of the tube to disperse.
- Holding the tube away from face, grasp the end of swab shaft and bend at a 180 degree angle to break at the pink breakpoint. If needed, gently rotate the swab shaft to complete the breakage.
- Screw the cap on tightly to prevent leakage.



Send

- Identify tube with patient information and send to laboratory.

Specimen collection should be performed by health care personnel who have completed training and demonstrated competency. Always read the manufacturer's package insert for specific instruction regarding specimen collection and transport for the type of test kit being used.

Save cost and avoid waste of making reagents for liquifying sputum

Sputum liquifying system

Easily transfer sputum samples using COPAN-invented Sputum Dipper™, a unique drill shaped tool for managing challenging sputum samples. SnotBuster is a mucolytic agent that has been tested and validated for liquifying sputum samples prior to culturing for the isolation of bacteria and fungi without affecting the morphology, growth or microscopic staining and appearance of pathogens.



Sputum samples are easily processed on automated specimen processors, minimizing manual handling and maximizing investment in automation.



Tubes of reagent are provided ready to mix with sputum sample so there is no need for re-hydration of powder or dilution of liquid concentrate.



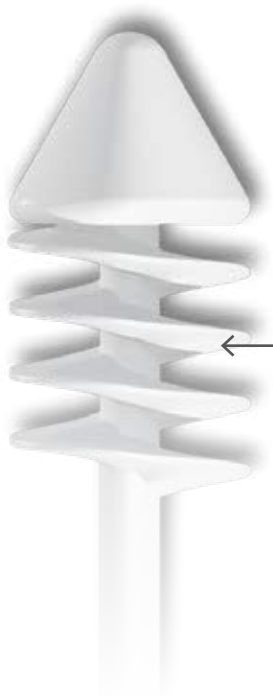
Easier, more consistent and reproducible specimen planting and streaking.



Minimize reagent waste and save cost by avoiding large batch mixing.



Unique Sputum Dipper for simplified sample processing



Simplify handling of challenging sputum specimens using the efficient Sputum Dipper tool which handles all types from liquid to viscous samples.



SnotBuster processing—quick guide



Collect

- Transfer specimen from patient container by rotating the dipper to cover with sputum.



Snap

- Remove cap from the tube and insert the swab to the bottom of the tube.
- Holding the tube away from face, grasp the end of swab shaft and bend at a 180 degree angle to break at the pink breakpoint. If needed, gently rotate the swab shaft to complete the breakage.
- Screw the cap on tightly to prevent leakage.



Send

- Immediately vortex for 30 seconds and leave at ambient temperature for a minimum of 15 minutes (not to exceed 6 hours).
- Mix by vortexing for an additional 3 seconds.

Specimen collection should be performed by health care personnel who have completed training and demonstrated competency. Always read the manufacturer's package insert for specific instruction regarding specimen collection and transport for the type of test kit being used.

Urine specimen collection, preservation and transport system

Safe and cost-effective system for the most common laboratory sample

UriSponge is a urine collection and transport system which maintains viability of bacteria at refrigerated and room temperature for up to 48 hours.

UriSponge allows safe collection and preservation of urine specimens without the added expense and hazard of hypodermic urine transfer straws.



Automatically processed on WASP DT using its built-in spinner, which easily elutes urine from the sponges prior to planting and streaking.



If processed manually, simply centrifuge the tube to release urine from the sponge.

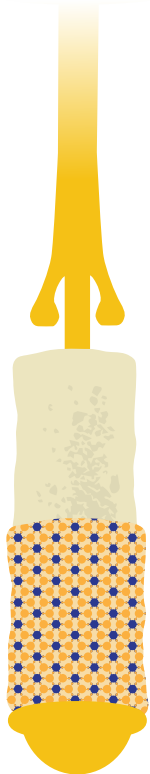


No hypodermic needle urine transfer straw needed, eliminating potential injury and sharps disposal costs.



Reduce repeat collections from patient due to inaccurate filling of boric acid tubes.





No need for a precise fill line

The unique sponge system does not require users to fill to a precise line, eliminating the risk of bacterial inhibition from overexposure to preservatives or overgrowth associated with inaccurate fill volumes that can occur with traditional vacuum boric acid tube systems.

← Preservatives are evenly dispersed within the sponge applicator and are only activated upon contact with urine

UriSponge collection—quick guide



Collect

- Have the patient obtain a clean-catch urine sample from the midstream portion into a sterile container.
- Dip the sponge applicator into the urine sample. Submerge the sponges for 5 seconds.
- Screw the cap on tightly to prevent leakage.



Send

- Identify tube with patient information and send to laboratory.



Process

- If processed manually, simply centrifuge the tube to release urine from the sponge.
- If processed on WASP DT built-in spinner, easily elutes urine from the sponges prior to planting and streaking.

Specimen collection should be performed by health care personnel who have completed training and demonstrated competency. Always read the manufacturer's package insert for specific instruction regarding specimen collection and transport for the type of test kit being used.



Liquid-based microbiology opens the door for automated specimen processing

By converting microbiology samples to a liquid format in standardized tubes, laboratories enjoy maximum utility from WASP DT automated specimen processor



From planting and streaking to Gram slide prep and enrichment broth inoculation, WASP DT is the only instrument that addresses all aspects of microbiology specimen processing with standardized automation for consistent quality. Choose from a variety of customizable options, and build the system that meets your unique needs. And, with a throughput capacity that matches two of three full-time equivalents, you can redeploy skilled personnel to technical tasks, for optimized productivity.

Experience the difference

- Up to 378 plate capacity increases walk-away time
- Nine silo-carousel enables multimedia culture setups
- Dynamic pick and place robotics mimic workflow routinely performed by lab technicians and prevents cross contamination
- Continuous and random loading eliminates the need for batching
- Universal decapper and reusable metal loops are compatible with multiple microbiology specimen types and containers
- Specimen verification system ensures quality
- Smart Scan Technology reduces errors and streamlines traceability

Customize to maximize

- Dual Streaker simultaneously streaks both sides of a bi-plate for higher throughput and faster ROI
- Automatic Loop and Tool Change Station allows for flexible plate inoculation, reducing operator hands-on time
- Sort-Out Plate Stacker automatically sorts plates in up to four categories to increase efficiency
- Gram SlidePrep prepares a slide and prints a permanent label to extend walk-away time
- Warehouse Carousel can carry up to four types of enrichment broths or disk dispensers to increase operational efficiency
- Urine Turntable facilitates the processing of urine cups

Ordering information

While Thermo Fisher Scientific part numbers vary, all products are equivalent to the part numbers cited in COPAN validation materials.

ESwab

ESwab combines a COPAN-invented FLOQSwab with 1 mL of Liquid Amies in a plastic, screw cap tube. The innovative system elutes over 90% of patient specimen into the liquid medium.

Cat. No.	Product description	Pack size
R723480	Regular Nylon® FLOQSwab with 1 mL Liquid Amies Medium in Self-Standing Tube with Plastic White Capture Cap - Individually Packaged, Sterile	50/pk
R7234805	Regular Nylon® FLOQSwab with 1 mL Liquid Amies Medium in Self-Standing Tube with Plastic White Capture Cap - Bulk Packaged, Sterile	500/pk
R723481	Minitip Nylon® FLOQSwab Swab with 1 mL Liquid Amies Medium in Self-Standing Tube with Plastic Green Cap - Individually Packaged, Sterile	50/pk
R723503	Minitip Nylon® FLOQSwab with 1 mL Liquid Amies Medium in Self-Standing Tube with Plastic Green Cap - Bulk Packaged, Sterile	500/pk
R723482	Flexible Minitip Nylon® FLOQSwab with 1 mL Liquid Amies Medium in Self-Standing Tube with Plastic Blue Cap - Individually Packaged, Sterile	50/pk
R723504	Flexible Minitip Nylon® FLOQSwab with 1 mL Liquid Amies Medium in Self-Standing Tube with Plastic Blue Cap - Bulk Packaged, Sterile	500/pk
R723488	Double Wrapped Regular Nylon® FLOQSwab with 1 mL Liquid Amies Medium in Self-Standing Tube with Plastic White Capture Cap - Individually Packaged, Sterile	50/pk
R723491	Double Swab; One White Regular Size Nylon® FLOQSwab with 80mm Breakpoint and One Pink Regular Size Nylon® FLOQSwab without Breakpoint packaged with 1 mL Liquid Amies Medium Self-Standing Tube with Plastic Pink Capture Cap - Individually Packaged, Sterile	50/pk



FecalSwab

FecalSwab combines a COPAN-invented FLOQSwab with 2 mL of Cary-Blair medium in a plastic, screw cap tube.

Cat. No.	Product description	Pack size
R723493	Regular Nylon® FLOQSwab with stopper and a screw cap tube containing 2 mL Cary-Blair Medium, Orange Capture Cap - Individually Packaged, Sterile	50/pk
R723492	Regular Nylon® FLOQSwab with stopper and a screw cap tube containing 2 mL Cary-Blair Medium, Orange Capture Cap - Individually Packaged, Sterile	500/pk
R723487	Regular Nylon® FLOQSwab, a screw cap tube containing 2 mL Cary-Blair Medium, Orange Capture Cap - Individually Packaged, Sterile	50/pk

SnotBuster

The SnotBuster (also known as SLSolution™) system combines the COPAN-invented Sputum Dipper with a ready to use mucolytic agent in a vacuum sealed plastic tube.

Cat. No.	Product description	Pack size
R723494	Snotbuster Sputum Dipper-only	10x100/pk
R723495	SnotBuster SLSolution	6x50/pk
R723496	Snotbuster and Sputum Dipper	6x50/pk

UriSponge

The UriSponge collection device combines a plastic tube and a screw cap with attached sponges impregnated with boric acid and sodium formate urine preservatives.

Cat. No.	Product description	Pack size
R723400	Screw-Cap Polyurethane Foam Sponge Urine Collection Device, 16x100 mm - Individually Packaged, Sterile	300/pk
R723401	Screw-Cap Polyurethane Foam Sponge Urine Collection Device, 16x100 mm - Bulk Packaging	500/pk

All COPAN Liquid-Based Microbiology solutions, as well as the COPAN WASP DT Walk-Away Specimen Processor and WASPLab Full Laboratory Automation are available from Thermo Fisher Scientific. For more information, visit [**thermofisher.com/wasp**](https://thermofisher.com/wasp)

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ThermoFisher
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