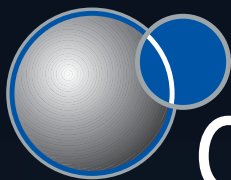


# **ADVANCED SWAB TRANSPORT SYSTEM FOR MICROBIOLOGY**



**COPAN**



# STATE-OF-THE-ART ACTIVE PACKAGING

## **Tamper evident seal - changes color when opened**



Package seal immediately changes color from clear to white as soon as pack is peeled open. Provides visual guarantee of first time use, product sterility and integrity.

## **Lot number, expiry date and description on every unit**



Clearly printed on the outside of every swab pack and on the label of every transport tube. Enables correct inventory rotation and product use within prescribed dating. Allows 100% traceability of swab products.

## **Totally waterproof - moisture guarded packaging**

Eliminates risk of accidental contamination of sterile pack contents by penetration of water condensation or contact between outside of the swab pack and moist or wet surfaces.



## **Flushed with Nitrogen gas**

During product assembly atmospheric air is vacuumed out and nitrogen gas is injected into the swab packages.



## **High visibility clear plastic envelope - allows easy product color code recognition**

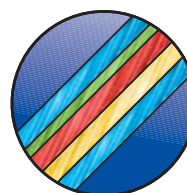
Ensures that the correct product is selected for the appropriate investigation.

## **Stabilized media integrity**

High-tech composite plastic film retards penetration of atmospheric oxygen. Prevents dehydration of liquid or agar gel medium before end of product shelf life.

## **No shedding paper fibers**

100% plastic on plastic film sheds no fiber, important when product is used in surgical rooms.

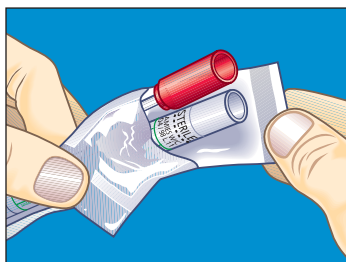


Copan's unique 5 layer composite plastic film

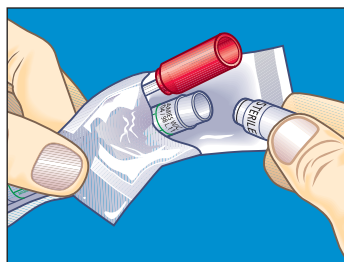
## **Single plastic material easier to recycle**



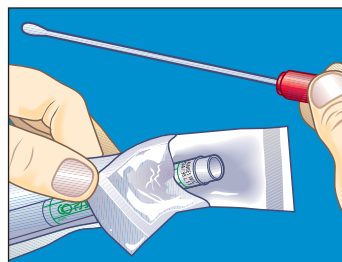
## EASY TO USE



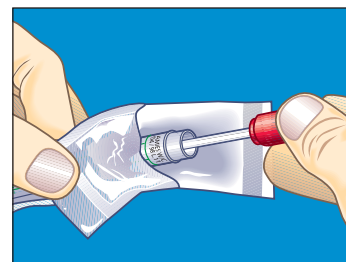
Peel apart the plastic film layers



Remove plug from transport tube



Remove swab and collect specimen



Insert swab in tube and close cap

# ADVANCED PRODUCT DESIGN



Extra long 5 1/4" swab shafts enable easier access to difficult sampling sites without contaminating the swab handle or the user

Soft rayon swab tips are inert and non-toxic to micro-organisms and patients

Extra large size polyurethane foam sponge soaked with liquid transport medium, stays anchored in place, providing a reservoir of moisture for the swab sample



No activation step necessary  
no glass ampoules to break or seals to puncture in order to release transport media.  
Swabs are automatically moistened.

Tamper evident tube seal maintains product integrity and ensures first time use



**Low bioburden** - all media contain less than 2 non-viable bacterial cells per 10 high power microscopic fields



**Smooth round bottomed tubes**

avoid jagged or sharp edges associated with crimped end tubes. No risk of puncturing specimen transport bags. Tubes conveniently fit regular test tube racks facilitating safer transport and easy storage

**Double action security cap**

slides over the neck of the swab tube and tightly grips the inside and outside of the tube



Large 5ml depth of agar gel so swab is always deeply submerged. Gives maximum protection to fastidious bacteria in the sample



Large pre-attached label for writing sample information and patient data. Printed in 3 languages - English, Spanish and French

Tube made from non-breakable polypropylene to protect both the specimen and medical and technical staff handling samples

**Venturi Hour Glass tube design enhances performance** - eliminates

undesirable bubbles and breaks in the deep agar gel column. As the swab is inserted into the tube, air bubbles and breaks in the agar gel are squeezed out.



## COMPLETE RANGE OF LIQUID & AGAR GEL SWABS

Quality Control  
Each lot is stringently tested against a diverse selection of ATCC and NCTC control organisms. Certificates of Analysis and data available on request.



Minitip Swabs



ENT,  
Nasopharyngeal  
& Urethral  
swabs with your  
choice of medium



Amies  
Stuart &  
Cary-Blair  
Medium



# LIQUID MEDIA TRANSPORT SWABS



**No Glass Ampoules To Break, No  
Seals or Barriers To Puncture**

**Swab Immediately In Direct  
Contact With Fluid Filled Sponge**

**No Dry Swab Samples!**

**Choice of Liquid Stuart or  
Superior Liquid Amies Medium**

**Extra Large POLYURETHANE Sponge  
Reservoir Inert & Non-Toxic, Stays  
Anchored In Place**

## LIQUID STUART MEDIUM

|                         |         |
|-------------------------|---------|
| Sodium Glycerophosphate | 10.0g   |
| Calcium Chloride        | 0.1g    |
| Mercaptoacetic Acid     | 1.0ml   |
| Distilled Water         | 1 litre |

## LIQUID AMIES MEDIUM

|                         |         |
|-------------------------|---------|
| Sodium Chloride         | 3.0g    |
| Potassium Chloride      | 0.2g    |
| Calcium Chloride        | 0.1g    |
| Magnesium Chloride      | 0.1g    |
| Monopotassium Phosphate | 0.2g    |
| Sodium Phosphate        | 1.15g   |
| Sodium Thioglycollate   | 1.0g    |
| Distilled Water         | 1 litre |

Liquid Stuart & Liquid Amies transport medium are designed to support a wide range of bacteria. Amies modified Stuart's original formula by replacing glycerophosphate with an inorganic phosphate buffer. The metabolism of glycerophosphate by coliform organisms and other Gram-negative rods, in Stuart's original formulation, results in proliferation of these organisms from throat, wound and fecal specimens. Amies demonstrated that coliform organisms in throat cultures increased with the duration of delay in transit and the level of ambient temperature. NaCl at 0.3% w/v was discovered by Amies to be optimal for the preservation of *Neisseria gonorrhoeae*. Calcium and magnesium salts were added in the belief that these ions were of importance in controlling the permeability of the bacterial cells and so contributing to their survival.

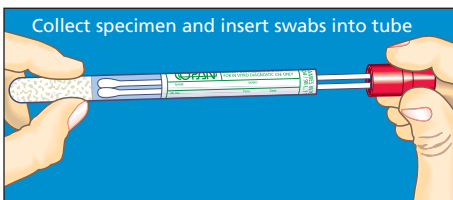
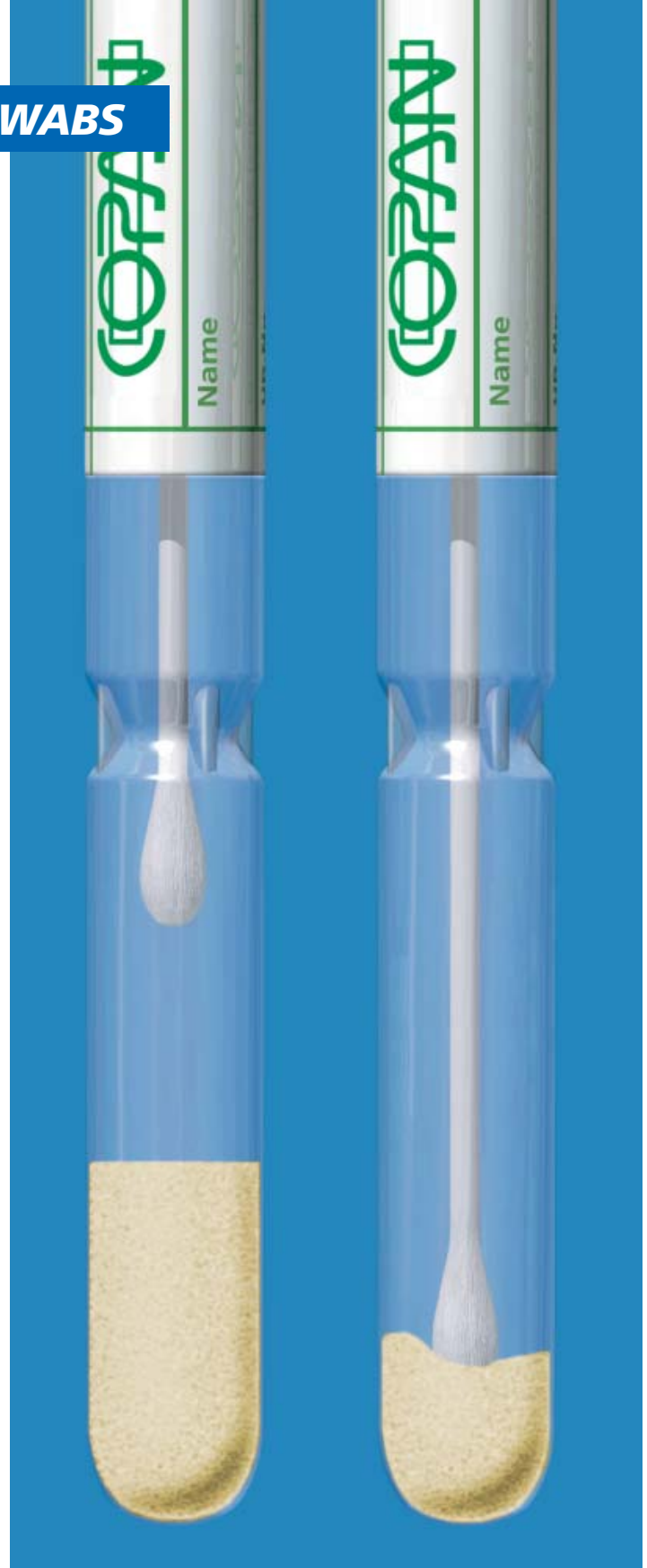
## SLAM DUNK!



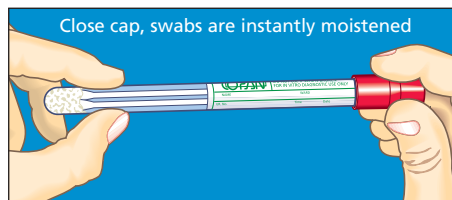
Easy to use specimen collection system, simply peel open the sterile package and remove the swab. Collect the sample and insert the swab into the tube of medium. This action places the tip of the swab in direct contact with a soft **polyurethane foam sponge**. The

sponge is soaked with 1.0ml of liquid transport medium and acts like a moisture reservoir. As the swab is inserted into the tube the soft sponge yields and compresses down. Liquid medium is drawn immediately into the swab tip by capillary action.

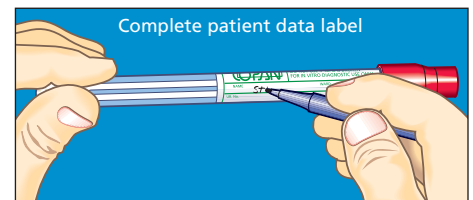
The extra large dimensions of the foam sponge means that it holds plenty of medium for both single or double swabs and it stays firmly anchored in place at the bottom of the tube. The sponge design will not slide or fall out during use.



Collect specimen and insert swabs into tube



Close cap, swabs are instantly moistened



Complete patient data label

## LIQUID AMIES SWABS



**140C Single plastic swab - white cap**  
Throat, vaginal, wound and skin swabs.

**50 swabs / box**  
**10 x 50 swabs / case**



**138C Double plastic swabs - red cap**  
Throat, vaginal, wound and skin swabs.

**50 swabs / box**  
**10 x 50 swabs / case**

### MINI TIP LQ AMIES



Suitable for ear, nose, throat, eye and male urethral swab sampling. The narrow dimension of the swab shafts and small tip provides a more practical device for some pediatric swab sampling.



**142C Regular aluminum wire - orange cap**  
Firm wire ideal design for male urethral sampling.

**50 swabs / box**  
**10 x 50 swabs / case**



**126C Soft aluminum wire - green cap**  
Soft wire that can be easily bent and pre-shaped.

**50 swabs / box**  
**10 x 50 swabs / case**

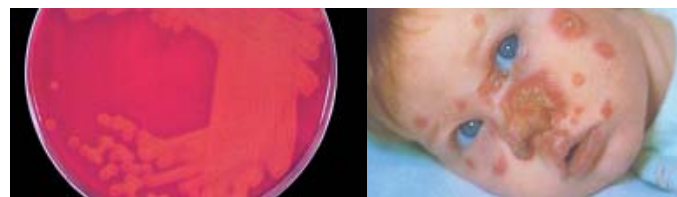


**191C Flexible twisted wire - blue cap**  
Designed specifically for nasopharyngeal sampling. Very flexible, will bend and yield when in contact with posterior nasopharyngeal wall. Features a safe loop shaped wire tip covered with soft rayon.

**50 swabs / box**  
**10 x 50 swabs / case**



191C and 195C



## LIQUID STUART SWABS



**141C Single plastic swab - white cap**  
Throat, vaginal, wound and skin swabs.

**50 swabs / box**  
**10 x 50 swabs / case**



**139C Double plastic swabs - red cap**  
Throat, vaginal, wound and skin swabs.

**50 swabs / box**  
**10 x 50 swabs / case**

### MINI TIP LQ STUART



Suitable for ear, nose, throat, eye and male urethral swab sampling. The narrow dimension of the swab shafts and small tip provides a more practical device for some pediatric swab sampling.



**143C Regular aluminum wire - orange cap**  
Firm wire ideal design for male urethral sampling.

**50 swabs / box**  
**10 x 50 swabs / case**



**127C Soft aluminum wire - green cap**  
Soft wire that can be easily bent and pre-shaped.

**50 swabs / box**  
**10 x 50 swabs / case**



**195C Flexible twisted wire - blue cap**  
Designed specifically for nasopharyngeal sampling. Very flexible, will bend and yield when in contact with posterior nasopharyngeal wall. Features a safe loop shaped wire tip covered with soft rayon.

**50 swabs / box**  
**10 x 50 swabs / case**

# AGAR GEL TRANSPORT SWABS



**No Glass Ampoules To Break,  
No Seals or Barriers To  
Puncture. No Dry Swabs!**

**5ml Deep Gel Column, Affords  
Maximum Protection,  
Improves Sample Viability**



**Unique Venturi Hour Glass Tube Design  
Prevents Disintegration or Breakdown  
of Gel Column During  
Specimen Transport**

**Undesirable Bubbles and Breaks in Gel  
Automatically Squeezed Out  
As Swab is Inserted**

**Eliminates Air Pockets Harmful  
to Fastidious Bacteria**

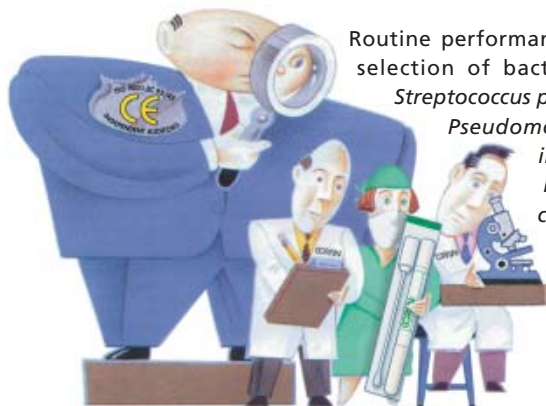
**Centralizes Swab**

**Capsulated Environment Seals  
and Protects Bacteria.  
Optimizes Moisture Control**



## NO BUBBLES - NO TROUBLES!

**Stringent QC of Raw Materials and Finished  
Product Guarantees Performance and Very Low  
Level Non-Viable Bacteria.**



Routine performance tests incorporate a diverse selection of bacteria; *Neisseria gonorrhoeae*, *Streptococcus pyogenes*, *Staphylococcus aureus*, *Pseudomonas aeruginosa*, *Haemophilus influenzae*, *Bordetella pertussis*, *Neisseria meningitidis*, *Escherichia coli*, *Bacteroides fragilis*, *Prevotella melaninogenica*, *Clostridium perfringens*, *Campylobacter jejuni*, *Shigella flexneri* and *Yersinia enterocolitica*.

**Amies medium with or without charcoal  
plus Stuart and Cary-Blair medium**



## AMIES AGAR GEL - NO CHARCOAL



**108C Single plastic swab - blue cap** 50 swabs /box  
Throat, vaginal, wound and skin swabs. 10 x 50 swabs /case



**134C Double plastic swabs - blue cap** 50 swabs / box  
Throat, vaginal, wound and skin swabs. 10 x 50 swabs / case

### MINI TIP AMIES



Suitable for ear, nose, throat, eye and male urethral swab sampling. The narrow dimension of the swab shafts and small tip provides a more practical device for some pediatric swab sampling.



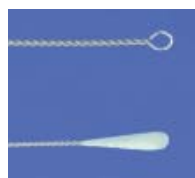
**110C Regular aluminum wire - orange cap** 50 swabs / box  
Firm wire ideal design for male urethral sampling. 10 x 50 swabs / case



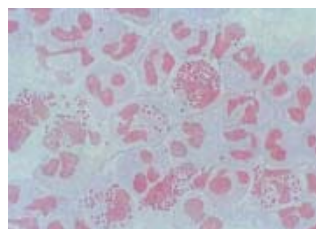
**124C Soft aluminum wire - green cap** 50 swabs / box  
Soft wire that can be easily bent and pre-shaped. 10 x 50 swabs / case



**190C Flexible twisted wire - blue cap** 50 swabs / box  
Designed specifically for nasopharyngeal sampling. Very flexible, will bend and yield when in contact with posterior nasopharyngeal wall. Features a safe loop shaped wire tip covered with soft rayon. 10 x 50 swabs / case

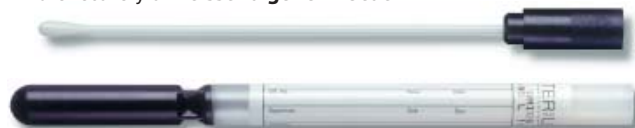


190C and 192C



## AMIES AGAR GEL - WITH CHARCOAL

Presence of charcoal in medium neutralizes bacterial toxins and inhibitory substances. Amies formula with charcoal shown to increase the recovery of *Neisseria gonorrhoeae*.



**114C Single plastic swab - black cap** 50 swabs /box  
Throat, wound and urogenital specimens. 10 x 50 swabs /case



**136C Double plastic swabs - white cap** 50 swabs / box  
Throat, wound and urogenital specimens. 10 x 50 swabs / case

### MINI TIP AMIES CHARCOAL



Suitable for ear, nose, throat and eye cultures. Also male urethral samples for *Neisseria gonorrhoeae*. The narrow dimension of the swab shafts and small tip provides a more practical device for pediatric swab sampling.



**116C Regular aluminum wire - orange cap** 50 swabs / box  
Firm wire ideal design for male urethral sampling. 10 x 50 swabs / case



**125C Soft aluminum wire - green cap** 50 swabs / box  
Soft wire that can be easily bent and pre-shaped. 10 x 50 swabs / case



**192C Flexible twisted wire - blue cap** 50 swabs / box  
Designed specifically for nasopharyngeal sampling. Recommended for *Bordetella pertussis* investigations. Very flexible, will bend and yield when in contact with posterior nasopharyngeal wall. Features a safe loop shaped wire tip covered with soft rayon. 10 x 50 swabs / case

## STUART AGAR GEL MEDIUM



**111C Single plastic swab - blue cap** 50 swabs / box  
Throat, vaginal, wound and skin swabs. 10 x 50 swabs / case



**135C Double plastic swabs - blue cap** 50 swabs / box  
Throat, vaginal, wound and skin swabs. 10 x 50 swabs / case

### MINI TIP SWAB

Suitable for ear, nose, throat, eye and male urethral swab sampling. The narrow dimension of the swab shafts and small tip provides a more practical device for some pediatric swab sampling.



**113C Regular aluminum wire - orange cap** 50 swabs / box  
Firm wire ideal design for male urethral sampling. 10 x 50 swabs / case

## CARY-BLAIR AGAR GEL MEDIUM



**132C Single plastic swab - red cap** 50 swabs / box  
Rectal or fecal swab samples for enteric pathogens. 10 x 50 swabs / case

## PLAIN DRY SWABS IN TUBES

Sterile plain swabs in labeled tubes.

100 swabs / box  
10 x 100 swabs / case

| Code | Applicator     | Swab Tip                | Color Code |
|------|----------------|-------------------------|------------|
| 150C | Wood           | Cotton                  | Red        |
| 151C | Wood           | Cotton/Albumin coated   | Yellow     |
| 152C | Wood           | Cotton/Charcoal coated  | Black      |
| 153C | Wood           | Alginate                | Blue       |
| 154C | Wood           | Rayon                   | White      |
| 155C | Plastic        | Rayon                   | White      |
| 167C | Double Plastic | Rayon                   | White      |
| 156C | Plastic        | Rayon/ Albumin coated   | Yellow     |
| 166C | Plastic        | Cotton                  | Pink       |
| 157C | Plastic        | Cotton/ Charcoal coated | Black      |
| 158C | Plastic        | Alginate                | Blue       |
| 159C | Plastic        | Dacron                  | Green      |
| 160C | Aluminum       | Rayon                   | Orange     |
| 161C | Aluminum       | Alginate                | Blue       |
| 162C | Aluminum       | Dacron                  | Yellow     |
| 164C | Paper          | Rayon                   | Green      |
| 168C | Twisted Wire   | Rayon                   | Blue       |
| 169C | Twisted Wire   | Alginate                | Green      |

### ATP FREE SWABS FOR BIOLUMINESCENCE

ATP Free swabs in labeled tubes for bioluminescence tests.

| Code | Applicator | Swab Tip | Color Code |
|------|------------|----------|------------|
| 170C | Plastic    | Dacron   | Red        |



## SWABS IN PEEL POUCHES

Sterile swabs individually wrapped in peel pouches.

| Code    | Applicator | Swab Tip | 100 swabs / box<br>10 x 100 swabs / case |
|---------|------------|----------|------------------------------------------|
| 165KS01 | Wood       | Cotton   |                                          |
| 167KS01 | Plastic    | Rayon    |                                          |
| 164KS01 | Plastic    | Dacron   |                                          |
| 170KS01 | Aluminum   | Rayon    |                                          |
| 171KS01 | Aluminum   | Alginate |                                          |
| 175KS01 | Aluminum   | Dacron   |                                          |



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