

**UTM®**

# System for collection, transport and preservation of viruses





Copan Universal Transport Medium® (UTM®) system is intended for the collection, transport and preservation of clinical specimens containing *Viruses*, *Chlamydia*, *Mycoplasma* and *Ureaplasma*.



#### ***FLOQSwabs®***

Ensure a quick, capillarity-driven sample uptake and a superior elution of the biological specimen, expanding downstream diagnostic testing capabilities.



#### ***Glass beads***

Three glass beads in each tube facilitate the release and dispersion of patient material and virus particles from the swab during vortexing.



#### ***Different fill volumes and screw cap formats***

Available with a capture-cap – to dock and secure the swab shaft for easier tube handling – or an automation-friendly Pierceable and Re-sealable PNR™ cap\*. UTM® is available in 1 or 3mL fill volumes.



#### ***Skirted conical tube***

12x80mm or 16x100mm freestanding shatterproof polypropylene conical tubes ensure efficient centrifugation.



## Preservation

### UTM® Performance

Copan UTM® is **CE-IVD** and **510(k) cleared**, and is **compliant** with **CLSI M40-A2** standards. UTM® **preserves the viability** of all the target organisms tested **for 48 hours** at both room and refrigerated temperature.

UTM® unique formulation includes antibiotics and antimycotics to prevent overgrowth of bacterial and fungal flora without affecting viruses, chlamydia, mycoplasma, or ureaplasma viability.

According to the vast scientific literature and on the information provided by diagnostic platform manufacturers, UTM® can be used for downstream detection of:

- Nucleic acids<sup>1,2,3</sup>
- Antigens<sup>4,5</sup>
- Rickettsiae<sup>6</sup>

## FLOQSwabs®

### Cut out for everyone

FLOQSwabs® offer **variable sizes, diameters, breaking points and tip shapes to be used in plenty of applications**. This made FLOQSwabs® a well-tolerated alternative to invasive, painful, and costly collection procedures<sup>7,8</sup>

**Do you have a specific application in mind?  
Choose the right FLOQSwabs®!**



## Fields of application

### Preanalytics made different



#### Respiratory Diseases

Regular, minitip and flexible minitip



#### STI & HPV

Regular and minitip



#### Cutaneous Infections

Regular



#### Veterinary

Regular and minitip

## Laboratory

### Easy handling

Samples collected with Copan UTM-RT® can be stored at room or refrigerated temperature for 48 hours, or frozen if processing is delayed. The capture cap and the skirted tube ease the handling of the specimen, while the tubes fits most laboratory equipment. The glass beads provide a fast elution of the sample from the swab and the conical tube ensures an efficient centrifugation.



## Laboratory

### Versatile processing

UTM® can be processed both manually and with automated laboratory platforms as Copan UniVerse®. Copan UTM® is widely present in scientific literature and, based on information provided by the manufacturers of the diagnostic test, it can be used with:

- Antigen detection assays<sup>7,8,9</sup>
- Molecular assays<sup>10,11,12</sup>
- High-throughput systems<sup>3,13,14</sup>



#### UniVerse®

### Flexible and open solution for molecular testing sample preparation

With UniVerse®, you can automate sample preparation for molecular testing: tube decapping and recapping, vortexing, spinning, barcode identification, and liquid transfer to secondary tubes or 96-well plates. UniVerse® handles indiscriminately different tube sizes and different shaft types without requiring to remove the swab from the tube. With its four different operational modes, UniVerse® integrates impeccably into your lab's workflow through a 2-way LIS exchange.

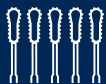
Pooling samples, saving time and resources

## PodSwab® - UTM® for pooling

PodSwab® is a 6 ml UTM® tube paired with five FLOQSwabs® that allows for pooling up to five different individual samples in one single tube.



multiple people  
sampled



five  
FLOQSwabs®



one pooled sample



Result

NO Virus  
Detected



Virus  
Detected



How pooling works

## The future of COVID-19 screening

If the pooled sample tests negative, all the pooled patients are considered negative – by performing one test instead of 5. Conversely, if the pooled sample is positive, each person within the pod must be individually retested.

PodSwab® offers many operational advantages, especially in low-incidence diseases: testers can significantly increase the volume of people tested while reducing the cost per single test, in the respect of full sample and patient traceability.






UTM®





## Ordering information









Choose between different tube sizes and medium fill volumes, in bulk packs or in combination with either FLOQSwabs® or polyester fiber swabs.


### Kits of UTM® with CLASSIQSwabs™

<i>Cat N.</i>	<i>Description</i>	<i>Pack size</i>	<i>Sample*</i>
302C	<p>16x100mm tube filled with 3ml UTM® medium + 2 CLASSIQSwab™ with polyester applicator and molded breaking point</p> 	<p>300 pieces (6 boxes of 50 kits)</p>	<p>Combined body site sampling</p>







### Kits of UTM® with FLOQSwabs®

<i>Cat N.</i>	<i>Description</i>	<i>Pack size</i>	<i>Sample*</i>
305C	<p>16x100mm tube filled with 3ml UTM® medium + 1 flexible minitip FLOQSwabs® with molded breaking point</p> 	<p>300 pieces (6 boxes of 50 kits)</p>	<p>Eye, ear, nasal passages, nasopharynx, throat, urogenital tracts and pediatric sites</p>
307C	<p>16x100mm tube filled with 3ml UTM® medium + 1 minitip FLOQSwabs® with molded breaking point</p> 	<p>300 pieces (6 boxes of 50 kits)</p>	<p>Eye, ear, nasal passages, nasopharynx, throat, urogenital tracts and pediatric sites</p>
321C	<p>16x100 mm tube filled with 3 ml UTM® medium + 1 regular FLOQSwabs® with molded breaking point + 1 flexible minitip FLOQSwabs® with molded breaking point</p> 	<p>300 pieces (6 boxes of 50 kits)</p>	<p>combined body site sampling</p>
346C	<p>16x100mm tube filled with 3ml UTM® medium + 1 regular FLOQSwabs® with molded breaking point</p> 	<p>300 pieces (6 boxes of 50 kits)</p>	<p>Nose, throat, vagina, rectum, faeces and wounds</p>

Cat N.	Description	Pack size	Sample*
355C	<p>12x80mm tube filled with 3ml UTM® medium + 1 regular FLOQSwabs® with molded breaking point</p> 	<p>300 pieces (6 boxes of 50 kits)</p>	<p>Nose, throat, vagina, rectum, faeces and wounds</p>
358C	<p>12x80mm tube filled with 3ml UTM® medium + 1 flexible minitip FLOQSwabs® with molded breaking point</p> 	<p>300 pieces (6 boxes of 50 kits)</p>	<p>Eye, ear, nasal passages, nasopharynx, throat, urogenital tracts and pediatric sites</p>
359C	<p>12x80mm tube filled with 1ml UTM® medium + 1 regular FLOQSwabs® with molded breaking point</p> 	<p>300 pieces (6 boxes of 50 kits)</p>	<p>Nose, throat, vagina, rectum, faeces and wounds</p>
360C	<p>12x80mm tube filled with 1ml UTM® medium + 1 flexible minitip FLOQSwabs® with molded breaking point</p> 	<p>300 pieces (6 boxes of 50 kits)</p>	<p>Eye, ear, nasal passages, nasopharynx, throat, urogenital tracts and pediatric sites</p>
361C	<p>12x80mm tube filled with 1ml UTM® medium + 1 minitip FLOQSwabs® with molded breaking point</p> 	<p>300 pieces (6 boxes of 50 kits)</p>	<p>Eye, ear, nasal passages, nasopharynx, throat, urogenital tracts and pediatric sites</p>
365C	<p>12x80mm tube filled with 2ml UTM® medium + 1 flexible minitip FLOQSwabs® with molded breaking point</p> 	<p>300 pieces (6 boxes of 50 kits)</p>	<p>Eye, ear, nasal passages, nasopharynx, throat, urogenital tracts and pediatric sites.</p>
366C	<p>12x80mm tube filled with 2ml UTM® medium + 1 regular FLOQSwabs® with molded breaking point</p> 	<p>300 pieces (6 boxes of 50 kits)</p>	<p>Nose, throat, vagina, rectum, faeces and wounds</p>
368C	<p>12x80 mm tube filled with 1 ml UTM® medium + 1 regular FLOQSwabs® with molded breaking point + 1 flexible minitip FLOQSwabs® with molded breaking point</p> 	<p>300 pieces (6 boxes of 50 kits)</p>	<p>combined body site sampling</p>

<i>Cat N.</i>	<i>Description</i>	<i>Pack size</i>	<i>Sample*</i>
3E076N05	16x100 mm tube filled with 6ml UTM® medium + 5 regular FLOQSwabs® with molded breaking point 	300 pieces (6 boxes of 50 kits)	Nose, throat, buccal

**UTM® tubes in bulk**

<i>Cat N.</i>	<i>Description</i>	<i>Pack size</i>	
330C	16x100mm tube filled with 3ml UTM® medium 	300 pieces (6 boxes of 50 pieces)	
331C	25x90 mm tube filled with 10ml UTM® medium 	90 pieces (6 boxes of 15 pieces)	
348C	16x100mm tube filled with 2,5ml UTM® medium 	300 pieces (6 boxes of 50 pieces)	
349C	16x100mm tube filled with 1.5ml UTM® medium 	300 pieces (6 boxes of 50 pieces)	
350C	12x80mm tube filled with 1ml UTM® medium 	300 pieces (6 boxes of 50 pieces)	
353C	12x80mm tube filled with 3ml UTM® medium 	300 pieces (6 boxes of 50 pieces)	

\*Suggested table. Please refer to your GLP procedures to choose the most appropriate device for the specific sampling site



## Scientific references

All the independent studies we cited in this product focus are listed here.

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## Notes







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