

*MediaBag™*

# Just plate it

Streamline your plate preparation with ready-to-use agar-media bags





MediaBag™ contains ready-to-use agar-based media, to prepare your microbiological Quality Control plates in a flash.

Available in different formats and media types, these easy-to-handle bags allow to save space in the lab and prevent the staff to handle hazardous powders.



## A bag full of benefits



### ***Space & Weight Optimization***

MediaBag™ is lighter and takes up less space compared to a glass bottle. This translates into optimized storage space in the lab, lowered transport costs, and reduced waste.



### ***In-use Stability***

MediaBag™ has a prolonged In-use stability suitable for automation.



### ***Automation Friendly***

MediaBag™ are intended to be used with Copan automation system Cyclone™, as well as for manual plate preparation.



### ***Easy Adoption***

MediaBag™ is ready-to-use, reducing the time to have your plates ready. Moreover, its transparent package allows an easier visual inspection.



### ***Convenient Format***

MediaBag™ is available in 500ml and 1.000mL sizes, to fit any lab need and sample flow.



### ***Enhanced Safety***

No glass bottles to handle and no powders to weigh reduce any risk for the laboratory staff.

## Validation

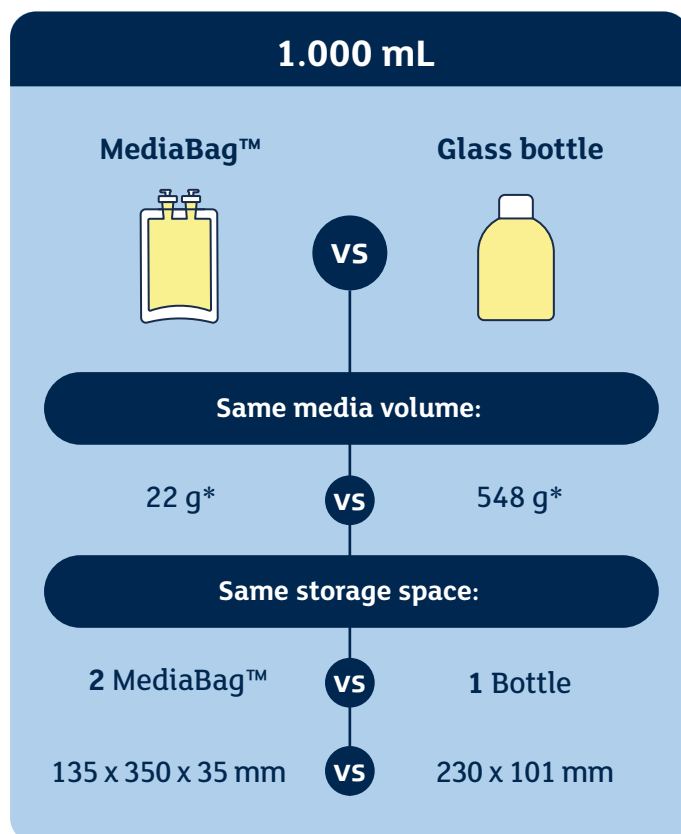
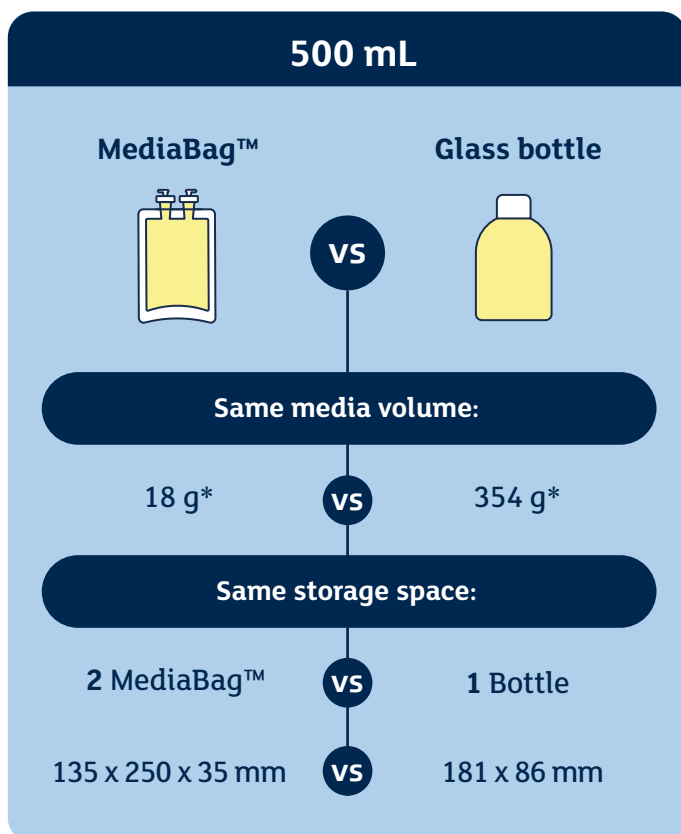
- All the MediaBag™ products performance testing are conducted following ISO 11133 as a guideline.
- Every MediaBag™ batch produced is tested for:
  - Productivity
  - Selectivity
  - Specificity
  - Sterility
  - pH tests

Results are compared with the Gold standard.



## MediaBag™ Vs Glass Bottle

Copan's MediaBag™ offers a significant weight and volume reduction compared to a glass bottle.



\*empty weight

## Media preparation with powders

Total time: 4 hours

Powders  
preparation



Weighting  
powders



⚠️  
Inhalation  
risk

Transfer  
powders



Add water



⚠️  
Human  
error

Boil



Autoclave cycle:  
- reaching temp.  
- processing  
- cooling



⚠️  
Autoclave  
danger

Pull out  
the bottle



Water  
bathing at  
47-50 °C



❌ In-use stability

✅ Ready to use

## 0,1 L Bottle preparation

Total time: 2 hours

Ready to  
use bottle



Melting



Water  
bathing at  
44-47 °C



❌ In-use stability

✅ Ready to use

## 1 L MediaBag™ preparation

Total time: 2 hours

MediaBag™



Steam  
bathing



Water  
bathing at  
44-47 °C



✅ In-use stability

✅ Ready to use

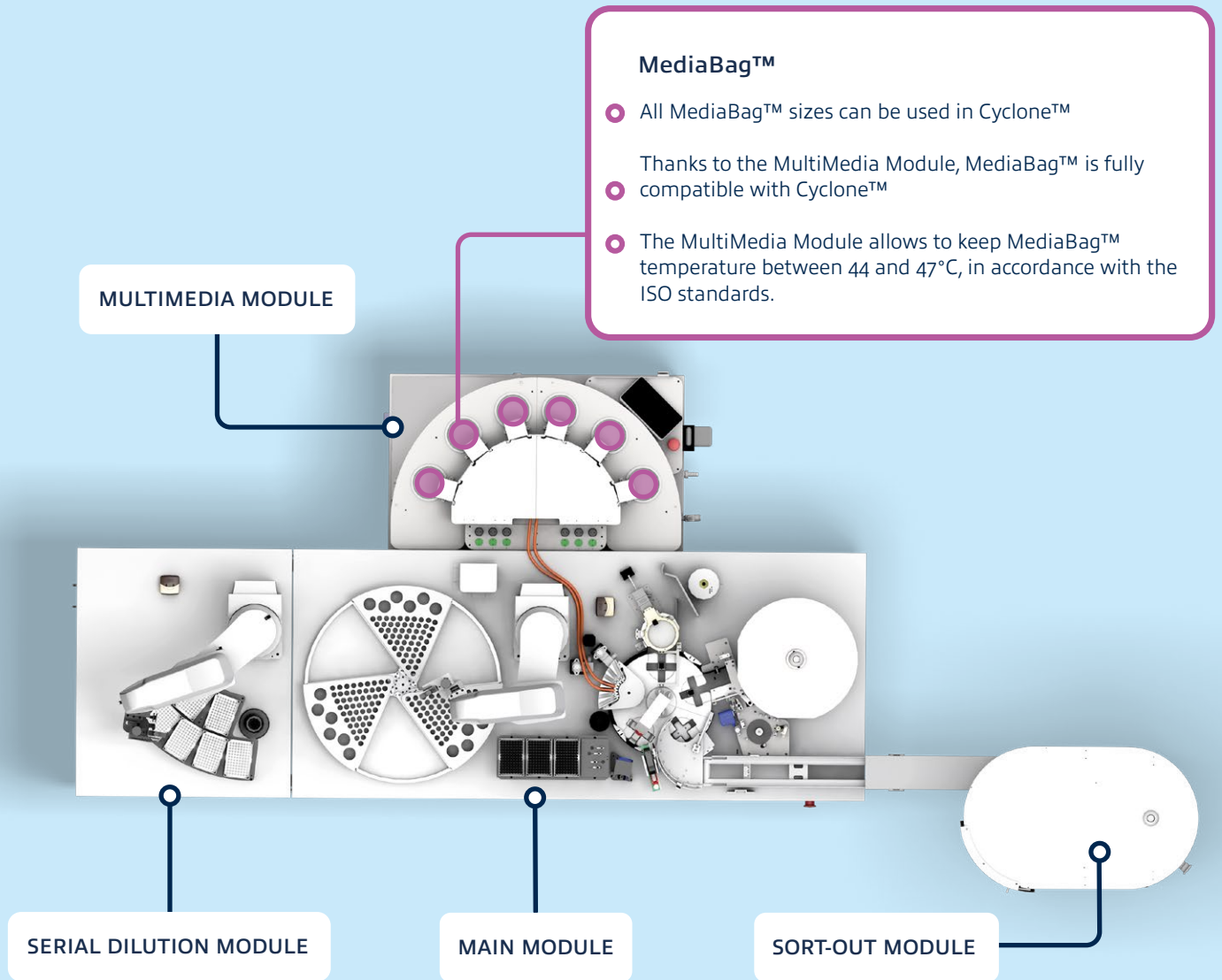
Two workflows:

1 Ready to  
CYCLONE™

or

2 Standalone use

## CYCLONE™ full set-up overview



**CYCLONE™**

### Your lab partner

Cyclone™ allows you to get the best out of MediaBag™, making plate preparation an effortless task. Cyclone™ is the easy, reliable, and flexible way to automate your industry microbiological analysis workflow. This innovative walk-away equipment helps you in many steps of your daily lab routine, from serial dilutions to sample analysis.



## Different media available

All MediaBag™ are available in **500mL** and **1.000mL** formats.  
Contact us for specific requests or to customize MediaBag™ with your media of choice!

Item	Code
Bags	
<b>VRBG (Violet Red Bile Glucose Agar)</b> For the detection and counting of Enterobacteriaceae.	B-001-0500 (500mL bag) B-001-1000 (1.000mL bag)
<b>PCA (Plate Count Agar)</b> For the enumeration of microorganisms.	B-002-0500 (500mL bag) B-002-1000 (1.000mL bag)
<b>TBX (Tryptone bile X-glucuronide agar)</b> For the count of $\beta$ -glucuronidase-positive Escherichia coli.	B-003-0500 (500mL bag) B-003-1000 (1.000mL bag)
<b>BP (Baird-Parker Agar)</b> For the count of coagulase-positive Staphylococci.	B-004-0500 (450mL bag) B-004-1000 (900mL bag)
<b>TSC (Tryptose Sulfite Cycloserine Agar)</b> For the count of Clostridium perfringens.	B-005-0500 (450mL bag) B-005-1000 (900mL bag)
<b>VRBL (Violet Red Bile Lactose Agar)</b> For the enumeration of Coliforms.	B-006-0500 (500mL bag) B-006-1000 (1.000mL bag)
<b>MRS (De Man, Rogosa and Sharpe Agar)</b> For the count of mesophilic lactic acid bacteria.	B-007-0500 (500mL bag) B-007-1000 (1.000mL bag)
<b>OGYE (Oxytetracycline Glucose Yeast Extract Agar)</b> For the enumeration of yeasts and molds.	B-008-0500 (450mL bag) B-008-1000 (900mL bag)
<b>YGC (Yeast Glucose Chloramphenicol Agar)</b> For the enumeration of yeasts and molds.	B-009-0500 (500mL bag) B-009-1000 (1.000mL bag)
Supplements	
RPF supplement	S-004-0010 (4x10mL) S-004-0020 (4x20mL)
D-cycloserine supplement	S-005 (10x5mL)
Oxytetracycline supplement	S-008 (10x5mL)





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