

Millipore  
SIGMA

# THE REVOLUTION IN MEDIA PREPARATION

The **ReadyStream®** system –  
enter the new era  
of media preparation

The life science business  
of Merck KGaA, Darmstadt,  
Germany operates as  
MilliporeSigma in the  
U.S. and Canada.

**Millipore®**

Preparation, Separation,  
Filtration & Monitoring Products

# Media preparation YESTERDAY

Culture media preparation and sample preparation is a time consuming, multistep process in a food testing lab

1 Cleaning of bottles



2 DCM Powder weighing



4 Dissolution



6 Labelling



3 Addition of a known amount of water



5 Dispensing into bottles/containers



7 Autoclaving/ Cooling



8 Food sample weighing



9 Addition of media



9  
STEPS

Classical preparation in media kitchen

# Media preparation TODAY

Media preparation with **ReadyStream®** system made as simple as pressing a button

1 Set up consumables and prepare the media bag stock (only needed one time for up to 440 samples of 25g)



2 Weigh each food sample



3 Add preheated ISO 11133 compliant media with ReadyStream® system directly in the sampling bag



3  
STEPS

Media preparation with **ReadyStream®** system

6 STEPS  
AHEAD ...

- Media preparation on demand – up to 100 liters preheated and sterile
- Reduce risk of contamination
- No powder manipulation, no autoclaving, no bottle washing



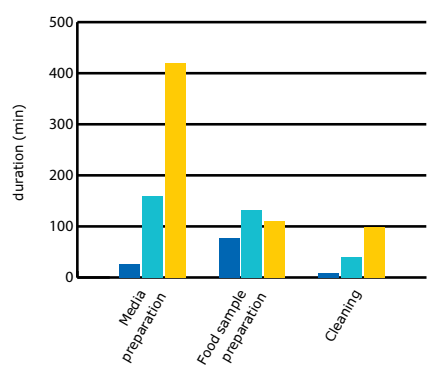
# setting standards

Optimize your processes to save time and improve capacity

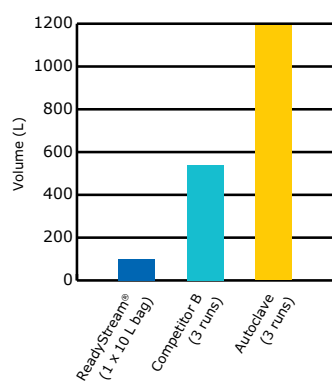
On demand media preparation. No need for a media kitchen. No dehydrated media manipulation. No time lost to autoclaving. No bottle washing.

ReadyStream® system (30 L)  
Competitor B (30 L)  
Autoclave (30 L)

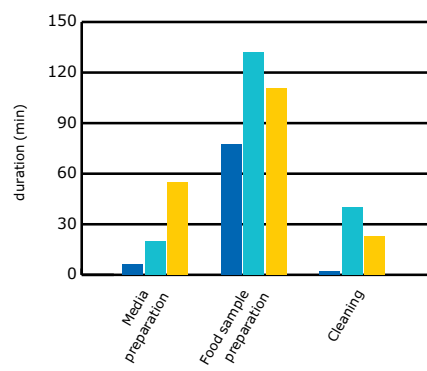
**Reduce workflow**  
Workflow step duration for 130 samples



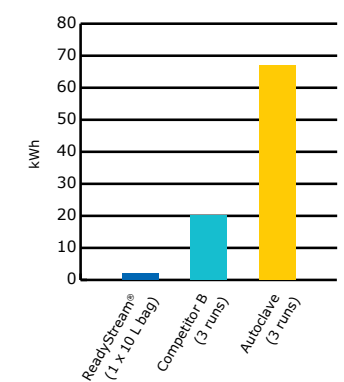
**Save water**  
Water need for 450 samples



**Reduce hands-on time**  
Hands-on time for each step



**Save energy**  
Energy need for 450 samples



**ONLY 20 Min**

**ISO 11133 compliant, pre-heated media available and ready to be used**

Non-contaminated media obtained by combining gamma-irradiated media powder and sterile filtered water. Max flow rate 2 L/min.



Request a demo at [SigmaAldrich.com/ReadyStream-Demo](http://SigmaAldrich.com/ReadyStream-Demo)

## The ReadyStream® system

Media preparation made as simple as pressing a button

New solution for media preparation and media dispensing in culture media preparation

### Bag with 10x concentrated culture media

- 10x concentrated GranuCult® Buffered Peptone Water
- 3 L bag: up to 131 samples of 25 g  
10 L bag: up to 440 samples of 25 g  
10 L bag: up to 29 samples of 375 g
- Gamma irradiated media shipped dry (100 L dry bag ≈ 2.5 kg) and reconstituted with sterile water thanks to the filtration unit

### ReadyStream® media preparation unit



### Filtration unit

0.22 µm filter set irradiated and ready-to-use. Just plug into the media preparation unit.

### Liquid media dispenser



### Sample bag

### Bag holder

for sample bags, available in 2 sizes including for large pooled samples.

### ReadyStream® media dispensing unit

for small and pooled samples. Add preheated ISO 11133 compliant media with the ReadyStream® system directly in the sampling bag. Comes with 4 programs pre-installed. Choose different priority settings and different concentration levels.

### Barcode reader

for media bag and filter set traceability. Reduced risk of error by scanning custom test barcode and without having to set parameters manually.



## intelligent design

Designed to your needs

Flexible system allows for different volumes (2 bag sizes of 30 L or 100L) at different temperatures. Define and save your own programs on the instrument or generate 2D bar codes with our free software.

## FLEXIBLE SYSTEM

### STANDARD



30 L bag and standard-sized bag holder

### LARGE



100 L bag and bag holder for pooled samples

## Risk Reduction

ReadyStream® media preparation workflow reduces contamination risks and ensures availability of sterile media every day

Dry bag with GranuCult® ISO 11133 compliant dehydrated culture media. Media obtained by combining irradiated media powder and sterile filtered water. No need to use the autoclave.



19.7"



ReadyStream® Media Preparation Unit



Request a demo or learn more on:  
[SigmaAldrich.com/ReadyStream-Demo](https://SigmaAldrich.com/ReadyStream-Demo)



ReadyStream® Media Dispensing Unit

**START YOUR  
REVOLUTION ON  
2.8 ft<sup>2</sup>**

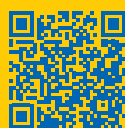
The ReadyStream® system –  
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13.9"



# Millipore®

Preparation, Separation,  
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Don't wait to try our ReadyStream® system,  
request a demo

[SigmaAldrich.com/ReadyStream-Demo](https://SigmaAldrich.com/ReadyStream-Demo)

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