

## BAX® System MP Media

BAX® System MP Media is a selective enrichment broth for use with the BAX® System PCR assays for detecting both *E. coli* and *Salmonella*. This media allows you to screen samples for both target organisms from a single enrichment. This proprietary medium provides nutrients and stable pH conditions to improve the recovery of *E. coli* and *Salmonella* cells from raw ground beef, beef trim, spinach and lettuce.

### Appearance

#### Bulk Media

Dehydrated: Light-colored, free-flowing powder

Rehydrated: Caramel-colored solution

#### StatMedia™ Soluble Packets

Dehydrated: Light colored powder in clear film

Rehydrated: Caramel-colored solution, slightly cloudy

### Preparation

#### Bulk Media

Dissolve 22.5 grams of media in 1 liter of distilled water.

Final pH 7.2±0.2 at 25°C. Autoclave at 121°C for 15 minutes.

Do not boil. Broth can be stored for up to 2 weeks at 2-8°C.

#### StatMedia™ Soluble Packets

Sterilize appropriate volume of distilled or deionized water either by autoclaving or filtering (pore size 0.2 µm) into a sterile container. Warm water to 42°C, then aseptically remove packet from pouch and add to the sterilized water. Mix gently until dissolved. Final pH 7.2±0.2 at 25°C. No need to autoclave if used within 4 hours. Beyond 4 hours, broth should be autoclaved at 121°C for 15 minutes before use. Do not boil. Autoclaved broth can be stored for up to 2 weeks at 2-8°C.



### Storage and Stability

#### Bulk media

Store dehydrated media in original container, with the lid tightly closed and away from bright light, below 25°C. When stored as directed, bulk media will remain stable until the expiration date stamped on the label of the container.

#### StatMedia™ Soluble Packets

Store soluble packets in tightly resealed pouches away from moisture at 10-25°C. Use within one year of the manufacturing date stamped on the pouch label.

HYGIENA PRODUCT CODE	DESCRIPTION	QUANTITY
MED2003	BAX® System MP Media	2.5 kg
MED2016	BAX® System StatMedia™ MP Media	20x5x33.75 g

## Approved Matrices

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### FOR AOAC-APPROVED TESTING

#### ***E. coli* O157:H7 MP Assay**

for ground beef (25 g and 65 g),  
beef trim (65 g), spinach and lettuce (25 g)

#### **Real-Time *E. coli* O157:H7 Assay**

for ground beef (65 g), beef trim (375 g),  
spinach and lettuce (25 g)

#### **Real-Time *E. coli* STEC suite**

for 375 g samples of beef trim

#### ***Salmonella* 1 & 2 Assays**

for ground beef (25 g), beef trim (65 g),  
spinach and lettuce (25 g)

#### **Real-Time *Salmonella* Assay**

for 25 g samples of lettuce and cream cheese

### FOR AFNOR-APPROVED TESTING

#### ***E. coli* O157:H7 MP Assay**

for 25 g samples of raw meat, raw milk,  
fruits and vegetables

#### **Real-Time *E. coli* O157:H7 Assay**

for 25 g samples of raw beef and  
raw vegetables

#### ***Salmonella* 1 & 2 Assays**

for 25 g samples of raw meats

## Related Products

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### **BAX® System *Listeria* Enrichment Media**

Provides nutrients and stable pH conditions to improve recovery of *Listeria* cells from sponges and swabs used to sample food contact surfaces and other environmental areas.

### **Hygiena™ Dehydrated Culture Media (BPW)**

Buffered Peptone Water is a non-selective pre-enrichment medium used to help improve the recovery of *Salmonella* and *Cronobacter*.

HYGIENA PRODUCT CODE	DESCRIPTION	QUANTITY
MED2002	BAX® System <i>Listeria</i> Enrichment Media	2.5 kg tub
MED2011	Hygiena™ Dehydrated Culture Media (BPW)	500 gm