

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	Legacy Order Code	Description	Quantity
MED2003	D12404925	BAX® System MP Media	2.5 kg
MED2016	D12745725	BAX® System StatMedia™ MP media	20x5x33.75g

Approved Matrices

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



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Related Products

BAX® System Listeria Enrichment Media

Provides nutrients and stable pH conditions to improve recover 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	Legacy Order Code	Description	Quantity
MED2002	D12232794	BAX® System <i>Listeria</i> Enrichment Media	2.5 kg tub
MED2011	D15452596	Hygiena™ Dehydrated Culture Media (BPW)	500 gm