StatMedia™ Soluble Packets

A convenient packaging system for microbial enrichment media, StatMedia™ soluble packets provide the same performance as bulk powder with the advantages of pre-weighed unit-dose quantities in gamma-irradiated water-soluble packets to make media preparation fast, flexible and easy. Users simply drop the entire packet into a sterile vessel containing the appropriate amount of pre-warmed sterile water, and the packet of media quickly dissolves.

Features & Benefits

- Simplifies and shortens the media preparation process
- Eliminates dust exposure and ergonomic issues associated with handling bulk media powder
- Reduces media preparation costs
- Minimizes the need for autoclaving
- Minimizes waste from expired batches of rehydrated media

How the soluble packets work

Packets are wrapped in a water-soluble film made from a polyvinyl alcohol resin. The film does not interfere with bacterial growth, lysis or PCR sensitivity. In warm water, the film dissolves within seconds. The media itself dissolves in about the same time as bulk media (about 5 minutes for a 1.5L packet with gentle agitation, or 15 to 30 seconds with homogenization).

Convenient pre-measured weights

The soluble packets are provided in a variety of convenient weights, based on common media volumes used in the food testing industry. Most packets are sized to fit in the one- or two-inch opening of common media preparation vessels.

Pouches are sold in cartons with a minimum order of one carton. Packets are packaged in resealable foil pouches labeled with instructions for rehydrating the media. Gamma-irradiation eliminates the need for autoclaving when the media is used within 4 hours.

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

Rehydrating instructions

Specific instructions for rehydrating the media are printed on the front of each pouch. In general, follow these guidelines:

1. Select an appropriate size and type of sterile container (homogenizer bag, glass bottle, etc.) according to your lab's standard procedures.
2. Determine the appropriate amount of distilled or deionized water to obtain the final volume of prepared media. Sterilize water either by autoclaving or filtering (pore size 0.2 µm) into the sterile container.
3. Warm the sterile water to 42°C.
4. Using proper techniques to prevent contamination, open the pouch of StatMedia™ soluble packets and aseptically remove a single packet.
5. Without perforating the media packet, add to sterile water. Swirl the capped container or use a sterile mixer to dissolve the media. For homogenizer bags, gently massage or homogenize for 15-30 seconds. Final solution may be slightly but uniformly opaque. This is normal and easily distinguishable from microbial growth, and it may clear with time.

Storage

Cartons and foil pouches can be stored at room temperature (10-25°C) and used up to 1 year from the manufacturing date stamped on the pouch.

For best results, broth should be used immediately. Autoclaving is not required if broth is made from sterile water and is used within 4 hours. For longer storage, heat broth to 121°C, and autoclave for a full 15 minutes. Autoclaved broth can be stored away from light for up to 2 weeks at 2-8°C.

Related Products

BAX® System MP Media

Available enrichment media for customers looking to take full advantage of the rapid time-to-result and ease-of-use offered by select BAX® System *E. coli* and *Salmonella* assays.

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
MED2003	BAX® System MP Media	2.5 kg tub
MED2011	Hygiena™ Dehydrated Culture Media (BPW)	500 gm