

DuPont™ Lateral Flow System™

ENRICHMENT MEDIA FOR *SALMONELLA*

PRODUCT DESCRIPTION

DuPont™ Lateral Flow System™ *Salmonella* Media is a selective primary enrichment optimized for use with the DuPont™ Lateral Flow System™ test strips to detect *Salmonella* in a variety of foods, including raw meat, poultry, dairy products, processed meats and fresh produce. This proprietary medium provides nutrients and stable pH conditions to detect *Salmonella* as low as 1 cfu in 25 g of food sample.



DuPont™ Lateral Flow System™

**Enrichment Media for
*Salmonella***

Part #D12457217 (prev. 18230011)

500 g

Makes 18.5 liters

Store dehydrated media below 25°C

Stable to expiration date on label

DuPont Qualicon
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Appearance

Dehydrated: Beige-colored, free-flowing powder

Prepared: Gold-colored solution

Storage and Stability

Store dehydrated media below 25°C in its original container, tightly sealed and away from moisture and bright light. Use by the expiration date stamped on the label of the container.

If autoclaved, prepared broth can be stored away from light for up to 2 weeks at 4°C.

Preparation

Add 27.0 ± 0.2 grams of DuPont™ Lateral Flow System™ *Salmonella* Media to one liter of sterilized water at 42°C. Shake vigorously until the media is dissolved. The pH of prepared broth should be 7 ± 0.2 .

Use prepared broth within 3 hours of enrichment. For best results, use the broth as soon as it is prepared.

Enrichment Procedure

Primary enrichment – Add 25 grams of sample to a sterile stomacher bag or a lined polypropylene bottle, and add 225 mL of prepared enrichment broth (42°C). Stomach for 30 seconds. Close bag loosely and incubate for at least 5 hours (no more than 24 hours) at 42°C. After incubation, shake bag vigorously to mix contents.

Secondary enrichment – Transfer 1 mL to tube containing 10 mL of TT (Hajna) broth (42°C). Incubate at $42 \pm 0.5^\circ\text{C}$ for 19-24 hours.

See package insert for complete directions on sample collection and testing.



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