

DuPont™ Lateral Flow System™

ENRICHMENT MEDIA FOR *E. COLI* O157

PRODUCT DESCRIPTION

DuPont™ Lateral Flow System™ *E. coli* O157 Media is a single-stage, selective enrichment optimized for use with the DuPont™ Lateral Flow System™ test strips to detect live or heat-killed *E. coli* O157 (including H7) in raw ground beef, raw boneless beef and apple cider. This proprietary medium provides nutrients and stable pH conditions to detect *E. coli* O157 organisms as low as 1 cfu in 25 grams of food sample.



DuPont™ Lateral Flow System™ Enrichment Media for *E. coli* O157

Part #D12457133 (prev. 18220016)

500 g Base

Makes 19.8 liters

Store dehydrated media below 25°C

Stable to expiration date on label

Appearance

Dehydrated: Tan-colored, free-flowing powder
Prepared: Amber-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 25.2 ± 0.2 grams of DuPont™ Lateral Flow System™ *E. coli* O157 Media to one liter of sterilized water at 42°C. Shake vigorously until the media dissolves.

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

Enrichment Procedure

Add food sample and prepared enrichment broth (42°C) to a sterile stomacher bag or a lined polypropylene bottle. Stomach or shake for 45 seconds. Close the bag loosely and incubate for 8 hours at 42°C with or without agitation, or up to 18 hours at 42°C without agitation.

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

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