

DuPont™ Lateral Flow System

SALMONELLA TEST

PRODUCT DESCRIPTION

The DuPont™ Lateral Flow System test for *Salmonella* is simple and accurate.

- No capital expense
- Low labor and material costs with minimal training
- Results in just 24 hours



DuPont™ Lateral Flow System *Salmonella* test

Part #D12457090 (prev. 18220009)

50 test strips

DuPont™ Lateral Flow System *Salmonella* media

Part #D12457217 (prev. 18230011)

500-g bottle

How the Lateral Flow System *Salmonella* test works

The DuPont™ Lateral Flow System test is an immunoassay with built-in controls. It employs a unique combination of anti-*Salmonella* antibodies and a highly engineered colloidal gold conjugate coated on the surface of a membrane. The sample wicks up the test strip by capillary action. If *Salmonella* is present in the sample, two red lines are formed.

Using the DuPont™ Lateral Flow System *Salmonella* Media **reduces primary enrichment time to just 5 hours** (can be extended to 24 hours to fit with your lab's work flow). Combined with standard secondary enrichment broth, **results are available in 24 hours**. You can also use the strips with standard primary enrichment broths for 48-hour results.

After enrichment, simply drop the test strip into an aliquot of sample broth, and **read the results 10 minutes later**. One control line is built into the lateral flow strip so you know the test has worked correctly. Two lines indicate a positive result. Test strips and media can be **stored at room temperature**.

Applications

The DuPont™ Lateral Flow System *Salmonella* test is designed to detect *Salmonella* in a variety of foods, including raw meat, poultry, dairy products, processed meats and fresh produce. The test can reliably detect 1 cfu in 25 grams of sample.

Full Product Line

DuPont™ Lateral Flow System *Salmonella* test strips are available in 50-test kits, which include a package insert. Media (500 gram) is available separately.

Approvals

The DuPont™ Lateral Flow System™ *Salmonella* test has been certified by AOAC-RI as Performance Tested MethodsSM 020601.



Producer-supplied samples of this test kit model were independently evaluated by the AOAC Research Institute and were found to perform to the producer's specifications as stated in the test kit's descriptive Insert. The producer certifies this kit conforms in all respects to the specifications originally evaluated by the AOAC Research Institute as detailed in Performance Tested MethodsSM Certificate Number 020601.



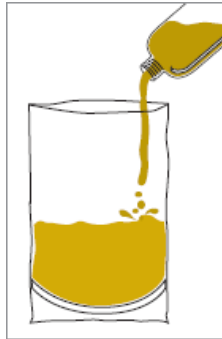
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Lateral Flow System protocol

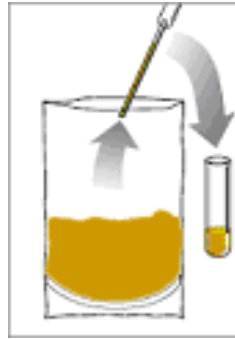
Step 1. Place sample in bag.



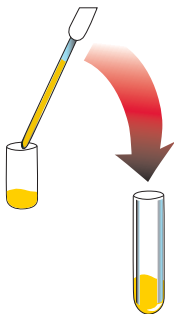
Step 2. Add prepared *Salmonella* enrichment broth. Homogenize sample, then close bag loosely. Incubate at 42°C for 5 hours.



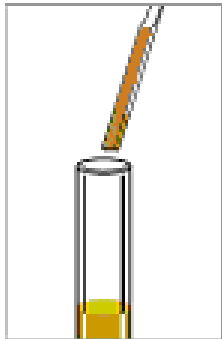
Step 3. Transfer 1 mL of primary enrichment to 10 mL TT broth (Hajna). Incubate at 42°C overnight.



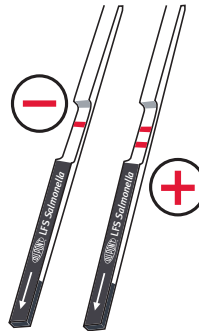
Step 4. Transfer aliquot of secondary enrichment to test tube.



Step 5. Insert test strip and allow to develop for 10 minutes.



Step 6. Remove test strip from tube and read result.



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