

DuPont™ Lateral Flow System

SALMONELLA

LISTERIA

E. COLI O157

Clear, reliable screening for food pathogens including:
Salmonella, *Listeria* and *E. coli* O157



The DuPont™ Lateral Flow System is a simple and inexpensive alternative to traditional culture methods for routinely screening foods for pathogens. This system offers optimized media, requires no capital investment and only minimal training. Low labor and material costs also help make this system a cost-effective screening tool.

Clear, rapid results

Using a unique combination of antibodies and highly engineered colloidal gold conjugate coated on the surface of a membrane, the DuPont™ Lateral Flow System yields clear, reliable results—which are available much faster than conventional, culture-based testing.

After a few simple steps of preparation, the sample wicks up the test strip by capillary action. Within 10 minutes, if the target pathogen is present in the sample, two red lines are formed. If not, only the control line—which lets you know that the test has worked correctly—appears. The test can detect 1 colony forming unit (cfu) in 25 grams of sample.

Optimized media

The DuPont™ Lateral Flow System uses specifically designed media that facilitate the maximum recovery of both sub-lethally injured and healthy cells, while inhibiting closely related competitive flora. Using this optimized media simplifies and shortens enrichment times.

Full product line

Tests and media are available for *Salmonella*, *Listeria* and *E. coli* O157 (including O157:H7). Test strips have a long shelf and can be stored at room temperature, saving valuable refrigerated storage space in your laboratory.

These DuPont™ Lateral Flow Systems have been certified by the AOAC Research Institute as Performance Tested MethodsSM.



The miracles of science™



The DuPont™ Lateral Flow System for *Salmonella*

Tests are designed to detect *Salmonella* in a variety of foods, including raw meat, poultry, dairy products, processed meats and fresh produce. This method requires no sample boiling and only a 24-hour enrichment when used with DuPont™ Lateral Flow System *Salmonella* media. Alternatively, you can use standard enrichment media for results in 48 hours. The same protocol can be used for all food types, and the assay takes only 10 minutes—even for high-burden samples.

Order

D12457090 (prev. #18220009) DuPont™ LFS *Salmonella* Test Kit (50 tests per kit)
 D12457217 (prev. #18230011) DuPont™ LFS Media for *Salmonella* (500 g)



The DuPont™ Lateral Flow System for *Listeria*

Tests are designed to detect *Listeria* on environmental surfaces and in a variety of ready-to-eat foods, dairy products and fish products. The specially designed DuPont™ Lateral Flow System media for *Listeria* reduces enrichment to a single stage and 40 hours. After a short boiling step, results are available in 10 minutes.

Order

D12457060 (prev. #18220002) DuPont™ LFS *Listeria* Test Kit (45 tests per kit)
 D12457152 (prev. #18230018) DuPont™ LFS Media for *Listeria*
 (500 g base + 10 g supplement)



The DuPont™ Lateral Flow System for *E. coli* O157

Tests are designed to detect *E. coli* O157, including O157:H7, in raw beef (boneless and ground) and processed foods, including fruit juices. When used with DuPont™ Lateral Flow System media for *E. coli* O157, enrichment is complete in as few as 8 hours and up to 18 hours. Alternatively, you can use standard media for 20-hour enrichment. Sample boiling is optional and will not affect results, which are available in 10 minutes.

Order

D12457116 (prev. #18220014) DuPont™ LFS *E. coli* O157 Test Kit (50 tests per kit)
 D12457133 (prev. #18230016) DuPont™ LFS Media for *E. coli* O157 (500 g)

For more information contact:



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