

RapidChek® *E. coli* O157 (Including H7)

RapidChek® *E. coli* O157 (Including H7) is a simple, reliable, and affordable solution. It's one of the fastest screening systems available.

Resolving an outbreak of *E. coli* O157: H7 is always a costly and time consuming chore for food companies. Product recalls can be devastating. While early detection is critical, budgets constraints require manufacturers, processors and distributors to choose accurate testing methods that are fast, cost-effective and fit into their unique production schedules.

RapidChek® *E. coli* O157 (Including H7) from SDIX is an integral tool for rapid product release. Our tests are designed to provide a practical, real-world solution that holds up under real-world conditions.

Benefits of RapidChek® *E. coli* O157.

- No capital expense required
- Faster results
- Minimal training needed
- Fewer false positives
- PCR *E. coli* O157:H7 verification from RapidChek media enrichment



How RapidChek® Works.

The RapidChek® Lateral Flow Assay is an immunoassay which employs a unique combination of anti-pathogen antibodies and colloidal gold conjugate coated on the surface of a membrane.

The SDIX RapidChek® Lateral Flow Assay for *E. coli* O157 (Including H7) can be used in combination with a proprietary RapidChek enrichment media broth for a rapid 8-hour result for a 25 g sample or 10-hour and 12-hour rapid result for 375 g samples. A second protocol using a standard 15-hour enrichment in modified TSB broth plus novobiocin is also available. After suitable enrichment, the sample broth is transferred to a test tube and a test strip is inserted into the tube. No heat treatment is required. Within 10 minutes you have a result. It is the fastest definite negative. One line means the sample is negative, two lines mean it's positive. A control line is built into the lateral flow strip so you know the test has worked. The test kits are stored at room temperature.

Applications

RapidChek® *E. coli* O157 (Including H7) has been AOAC validated for use on 25 g and 375 g boneless beef trim and ground beef.

Packaging

RapidChek® is available in kits of 50 tests. All materials to perform the detection assay are included in the kit. RapidChek® media, a proprietary media which can be used for an eight hour (dependent on sample size) incubation step is available separately.

RapidChek®. Simply Accurate.

RAPIDCHEK® *E. COLI* O157 (INCLUDING H7)

Pathogen Screening Quick Reference

Read the User's Guide instructions completely before performing any test.

- 1 Rehydrate RapidChek® media and add to sterile sample bag.
- 2 Place sample in bag and incubate at 42° C for 8-18 hours (see User Guide for exact enrichment times dependent on sample size).
- 3 After incubation, transfer 1 mL to a test tube.
- 4 Insert test strip.
- 5 After 10 minutes, read result.
1 line = negative
2 lines = positive

Ordering Information—RapidChek® *E. coli* O157 (Including H7)

ITEM	DESCRIPTION	PART NUMBER
Test Kit	50 test strips – Enrichment media not included	7000157
Bulk Test Kit	500 test strips – Enrichment media not included	7000158
Proprietary Media	500 grams	7000161
Bulk Proprietary Media	5 kilograms	7000165

Also available:

RapidChek® *Salmonella*, RapidChek® SELECT™ *Salmonella*, RapidChek® *Listeria*, RapidChek® *Listeria* F.A.S.T. and RapidChek® SELECT™ *Salmonella* Enteritidis



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