

ANSR® for *E.coli* O157:H7

Neogen® has been a leader in foodborne pathogen detection since 1994 and ANSR is backed by our unmatched technical support and our years of experience in genomics and food safety diagnostics.

Why ANSR?

- **Greater accuracy and fastest time to result**

ANSR (amplified nucleic single temperature reaction) provides genetic level discrimination of specified targets at 10^4 cfu/mL in 10 minutes. ANSR's unique enrichment and assay result in minimal matrix effects in both food matrices and environmental samples.

- **New technology**

ANSR eliminates many of the limitations of antibody-based technologies.

- **Quick Turn Around Time**

- Total time to results 12–24 hours.

- **Minimal costs and footprint**

ANSR equipment costs are minimal compared to commercially available PCR systems, and its compact size makes it an easy fit in any laboratory setting.

- **User-friendly software**

Quickly and easily record and report your testing results.



ANSR for *E. coli* O157:H7 provides rapid recovery and detection of *E. coli* O157:H7 in food samples in 12–24 hours.



Call today and learn more about this revolutionary technology.

ANSR[®] for *E.coli* O157:H7

Test Procedure

Please read kit insert instructions completely before performing test.



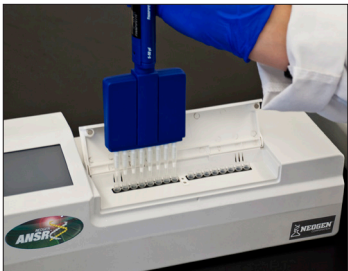
1. Add 50 μ L of enriched sample to the cluster tube.



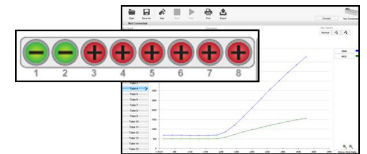
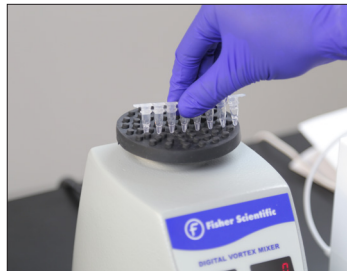
2. Add 450 μ L of lysis reagent solution to the sample.



3. Transfer sample tubes to 37°C heat block and incubate for 10 minutes. Then transfer the lysis tubes to the 80°C heat block and incubate for 20 minutes.



4. Transfer 50 μ L of the lysed sample to preheated lyophilized reagents (56°C) in the reader. Cap tubes and vortex briefly. Return tubes to reader. Close the lid and click START in the ANSR software to begin assay.



5. Results will be reported in 10 minutes and displayed as positive, negative or invalid.

Product Specifications

Sensitivity:	1 cfu/analytical unit 10 ⁴ cfu/mL post enrichment
Testing time:	10 minutes
Tests per kit:	96
Kit contains:	96 reaction tubes and caps 60 mL lysis reagent suspension buffer 3 lysis reagent bottles 96 lysis tubes

Ordering Information

Product No.	Description
9822	ANSR for <i>E. coli</i> O157:H7 - up to 96 tests
9837	ANSR 2-Block Basic System (reader with computer, 2-block lysis system, 20–200 μ L pipette, 100–1000 μ L pipette, multichannel pipette)
9829	ANSR Lysis Block
9826	ANSR Lysis System (lysis block, heater block, thermometer)
9386	Heater Block
9828	ANSR Reader
9815	ANSR for <i>E. coli</i> enrichment broth
7167A	Tryptic Soy Broth, Modified with Acid Digest of Casein
9494	Vortex, adjustable speed



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