

# **ANSR®** for *Listeria*

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<sup>2</sup> cfu/mL in 18 minutes. ANSR's unique enrichment and assay result in minimal matrix effects in environmental and food samples.

New technology

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

- Ouick Turn Around Time
  - Total time to results 16–26 hours (25 g and 125 g).
- 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 *Listeria* provides rapid recovery and detection of *Listeria* in environmental and food samples in 16–26 hours.

Call today and learn more about this revolutionary technology.



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# **ANSR® for Listeria**

## **Test Procedure**

Please read kit insert instructions completely before performing test.



1. Add 50 µL of enriched sample to the cluster tube.



2. Add 450 µL of lysis reagent solution to the sample.

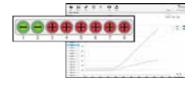


3. Transfer sample tubes to 37°C heat block and incubate for 10 minutes. Then transfer the lysis tubes to the 80°C heat block and incubate for 20 minutes.









4. Transfer 50 µL 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 18 minutes and displayed as positive, negative or invalid.

#### **Product Specifications**

Sensitivity: 1 cfu/analytical unit

10<sup>2</sup> cfu/mL post enrichment

Testing time: 18 minutes

Tests per kit:

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
	9871	ANSR for <i>Listeria</i> - up to 96 tests
	9837	ANSR 2-Block Basic System (reader with computer, 2-block lysis system, 20–200 µL pipette, 100–1000 µL pipette, multichannel pipette)
	9829	ANSR Lysis Block
	9836	ANSR 2-Block Lysis System (2 lysis blocks, 2 heater blocks, 2 thermometers)
	9386	Heater Block
	9828	ANSR Reader
	9828C	ANSR Reader with Computer
	9814	ANSR for <i>Listeria</i> Enrichment Broth 1, 500 g
	9790A	LESS Medium, 500 g
	9786	Reveal BLEB medium, 500 g
	9494	Vorex, adjustable speed













