

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 10^2 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.

- **Quick 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.



800-234-5333 (USA/Canada) • 517-372-9200
foodsafety@neogen.com • www.neogen.com



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 18 minutes and displayed as positive, negative or invalid.

Product Specifications

Sensitivity:	1 cfu/analytical unit 10 ² cfu/mL post enrichment
Testing time:	18 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
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 μ L pipette, 100–1000 μ L 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



800-234-5333 (USA/Canada) • 517-372-9200
foodsafety@neogen.com • www.neogen.com

