



Molecular Platform for Pathogen Detection

Greater accuracy

Faster results

Minimal investment



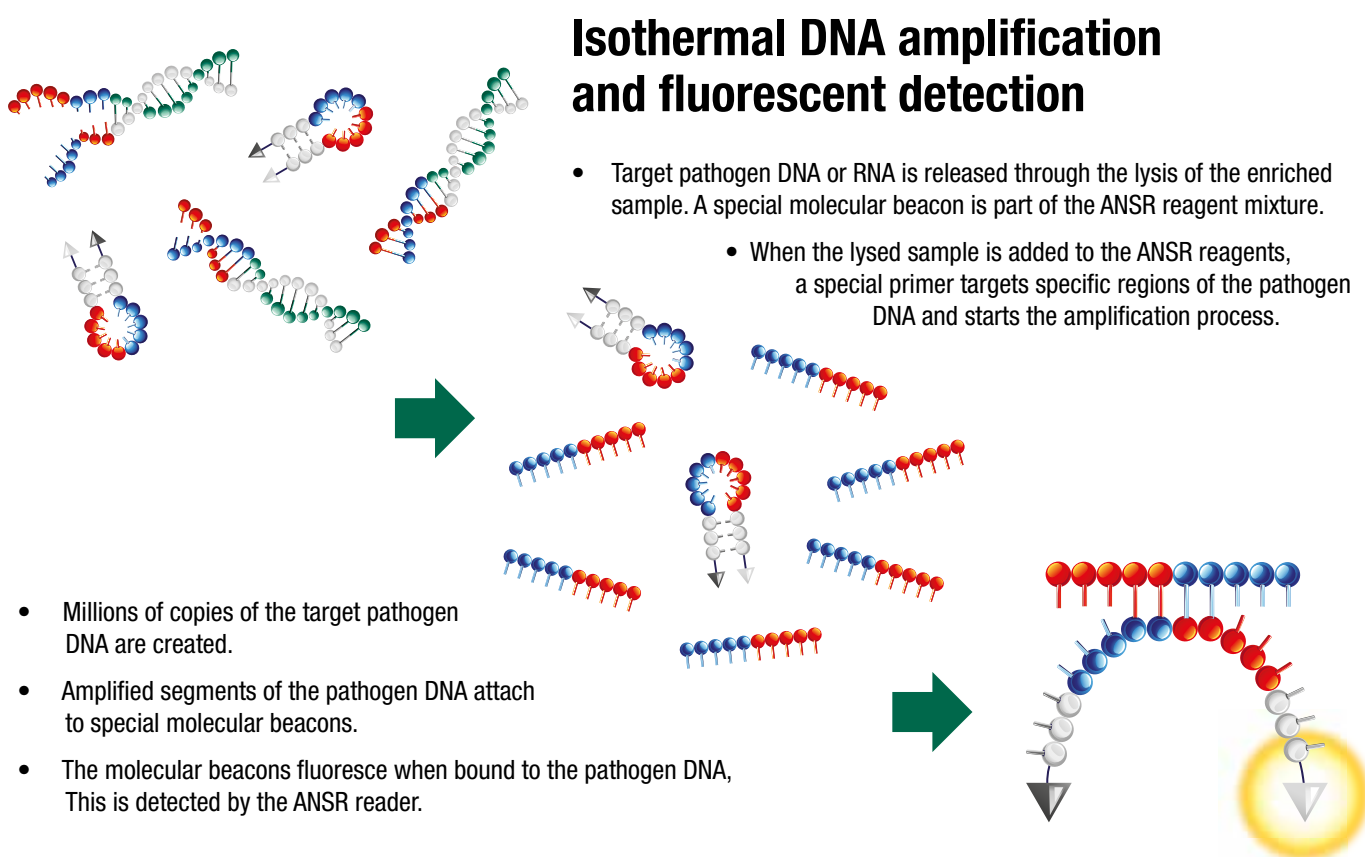
What is ANSR®?

The food industry has emphasised a need for a quicker, easier and precise pathogen test to lessen the chances of contaminated food products reaching their customers.

Unlike other molecular technologies, ANSR (Amplified Nucleic Single-Temperature Reaction) utilises patent-pending, unique amplification reaction technology for in vitro DNA amplification at a constant temperature.

ANSR provides genetic level detection of low level specified targets in as little as 10 minutes following enrichment. ANSR's enrichment and assay result in minimal matrix effects compared to conventional methods, in both food matrices and environmental samples.

How does ANSR work?



**AMPLIFICATION
AND DETECTION**

**CONTINUOUS AND
RAPID RESULTS**

**FASTER
DETECTION TIME**

Benefits

- **NEW TECHNOLOGY**

ANSR offers accurate DNA based detection and eliminates many of the limitations of other technologies available

- **GREATER ACCURACY**

ANSR provides genetic level discrimination of specified targets at 10^4 and 10^2 cfu/mL

- **FASTER RESULTS**

Results in less than 24 hours

- **MINIMAL INVESTMENT**

Low initial investment with sensible operating cost

- **MINIMAL FOOTPRINT**

ANSR's compact size makes it easy to fit in any laboratory setting



Products and validations

ANSR *Salmonella*

Detection at 10^4 cfu/mL in 10 minutes post enrichment

Validations: *Salmonella* AOAC-PTM 061203

ANSR *Listeria* spp.

Detection at 10^2 cfu/mL in 18 minutes post enrichment

Validations: *Listeria* spp. AOAC-PTM 101202

NF Validation NEO 35/03-01/16

ANSR *Listeria Monocytogenes*

Detection at 10^4 cfu/mL in 10 minutes post enrichment

Validations: *Listeria monocytogenes* AOAC-PTM 061506

NF Validation Pending

ANSR *E.coli* 0157:H7

Detection at 10^4 cfu / mL in 10 minutes post enrichment

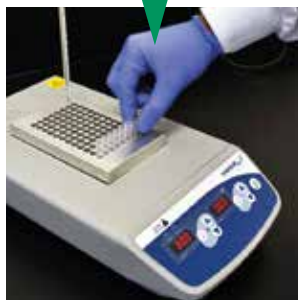
Validations: *E.coli* 0157:H7 AOAC-PTM 111502

Quick and Easy Process

ENRICHMENT



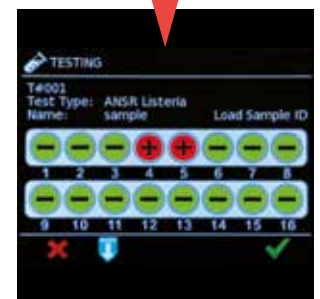
LYSIS



DETECTION



RESULTS





Neogen has been a leader in foodborne pathogen detection since 1996.

ANSR is a molecular platform for pathogen detection which is backed by our unmatched technical support and our years of experience in genomics and food safety diagnostics.



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ALTERNATIVE ANALYTICAL METHODS FOR AGRIBUSINESS
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