



Make the **move** to LAMP

A progressive technology for food safety labs



Chosen as the primary method of detection for *Salmonella*, *Listeria monocytogenes*, *Listeria spp.*, and *Salmonella* Enteritidis/*Salmonella* Typhimurium by the USDA Food Safety and Inspection Service.

Take control at every step

LAMP Technology + Neogen® Molecular Detection System

Loop-mediated isothermal DNA amplification (LAMP) technology uses strand-displacing Bst DNA polymerase and 4 to 6 primers to produce continuous DNA amplification at a single temperature.

Traditional Polymerase Chain Reaction (PCR) technology uses a non-strand displacing Taq DNA polymerase and two primers. Bst polymerase used in LAMP is more robust and less prone to inhibition than Taq Polymerase.

PCR technology uses an internal amplification control (IAC) because of its own limitations and susceptibility to inhibition from sample matrices. Since LAMP technology isn't subject to the same limitations as PCR, no IAC is needed, giving you more control over your testing process.



Salmonella



Salmonella Enteritidis



Salmonella Typhimurium



E. coli O157 (including H7)



Cronobacter



Listeria



Listeria monocytogenes



Campylobacter



STEC Gene Screen (*stx*)



STEC Gene Screen (*stx* and *eae*)

Simplify pathogen testing and keep your reference lab running quickly and efficiently. Contact your Neogen sales rep for a free, no-risk trial.

Learn more at info.neogen.com/MDS



Cost-Effective

An affordable alternative to traditional pathogen testing.



Accurate

High sensitivity with this robust, specific technique.



Fast

See results as early as 15 minutes.



Easy to Use

Single protocol for all assays.



Reliable

No internal amplification control needed for reliable results.

