



Make the **move** to LAMP

A progressive technology for food safety labs



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

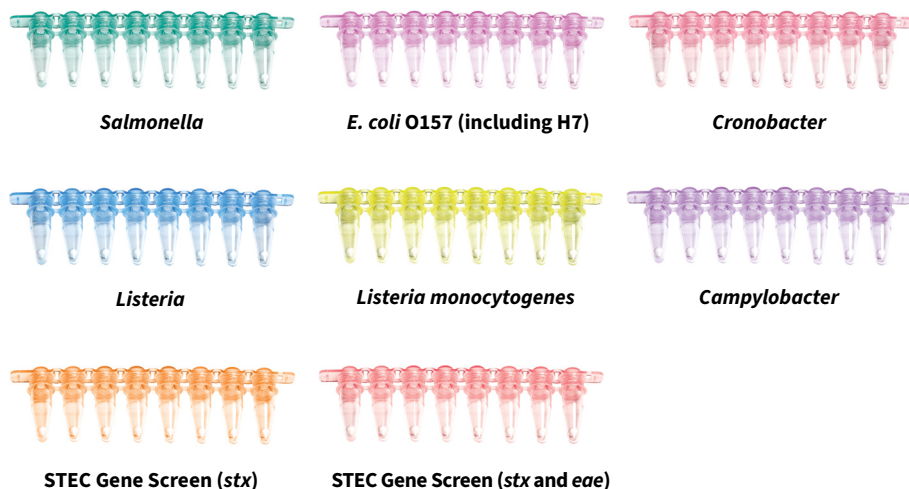
Take control at every step

LAMP Technology + Neogen® Molecular Detection System™

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

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.



Simplify pathogen testing and keep your lab running quickly and efficiently. Contact Neogen for more information.

All assays either have ISO 16140-2 or AOAC PTM approvals.

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

Positive results as early as 15 minutes.



Easy to Use

Single post-enrichment protocol for all assays