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Development and evaluation of Loop-mediated isothermal amplification, and Recombinase Polymerase Amplification methodologies, for the detection of *Listeria monocytogenes* in ready-to-eat food samples.



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Highlights

- LAMP and RPA methods were developed for the detection of *L. monocytogenes*
- Performance of the new methods was compared against two reference real-time PCR methods
- A very low limit of detection, with high confidence, was obtained for both methodologies
- Both methodologies proved reliable alternatives to conventional culture methods

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