Rapid and Sensitive Detection of Acinetobacter baumannii Using Loop-Mediated Isothermal Amplification

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Abstract

Here we report the design and evaluate of the loop-mediated isothermal amplification (LAMP) for detecting Acinetobacter baumannii DNA based on the 16S23S rRNA intergenic spacer (ITS) sequence. The results showed that target DNA was amplified and visualized within 30 min and with a detection limit 100-fold greater than PCR.

Keyword：Acinetobacter baumannii; loop-mediated isothermal amplification