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Parallel susceptibility testing of bacteria through culture-quantitative PCR in 96-well plates

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Highlights

- This method could test 12 samples against a panel of up to 7 antibiotics simultaneously in two 96-well PCR plates within 4 h.
- Bacteria culture and DNA extraction automatically and simultaneously completed through using a common PCR instrument as a controllable heating device.
- The lyophilized qPCR reagent developed is stable, which makes it possible to ship the reagents at room temperature.

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