Short protocol
InviPrep® Fast Lysis Buffer Isolation of DNA from Bacteria and Fungi

INVITEK diagnostics

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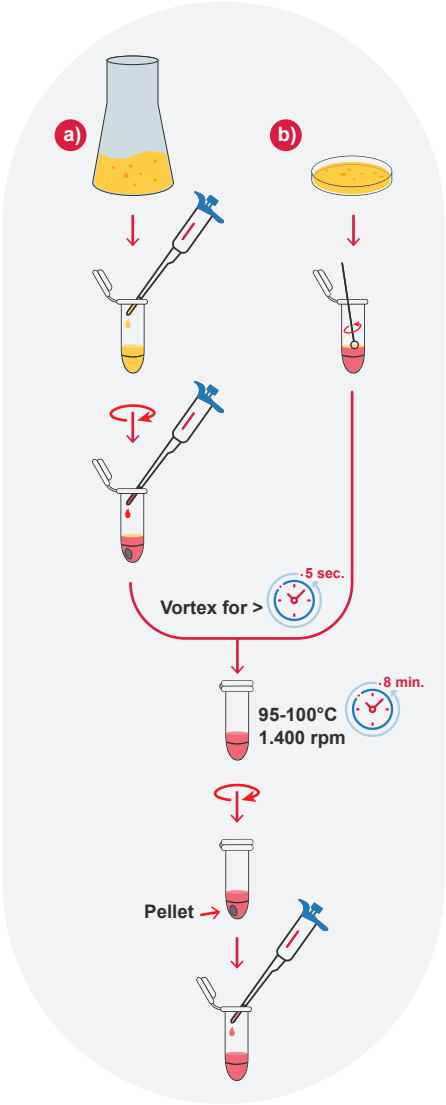

1. Shake the buffer well before use.
2. Preheat thermo shaker to 95-100°C.
3. **a) DNA purification from liquid cultures**
   (e.g. culture broth)
   Transfer up to 2 ml liquid sample to a Safe-Lock tube and centrifuge at max. speed (>10.000 x g) for 2 min to pellet bacterial cells.
   Carefully remove supernatant, do not disturb the pellet!

   Add **200 µl** of **Fast Lysis Buffer** to the tube.

   b) DNA purification from culture plates
   Pick a colony from a culture plate.
   Transfer cells to **200 µl** of **Fast Lysis Buffer** in a Safe-Lock tube.

   Note: *For processing difficult samples see instructions for use.*
4. Resuspend by vortexing for at least 5 sec.
5. Incubate sample on thermo shaker for 8 min at 95-100°C while continuously shaking (e.g. 1400 rpm).

   Note: *Ensure that Safe-Lock tubes are tightly closed!*
6. Cool down sample tube for 2 min at room temperature.
7. Centrifuge at max. speed (>10.000 x g) for 2 min.
8. Transfer ~50 µl to a fresh tube and avoid transferring the pellet.

   Please keep the bottle of ***Fast Lysis Buffer*** *together with these instructions in the outer packaging bag provided.*

   Note: *Dilute supernatant 1:5 in DNase/RNase free water for bacterial cultures and 1:100 for fungal cultures before downstream analysis.*

DOWNLOAD INSTRUCTIONS FOR USE

Read the instructions for use carefully before starting the procedure.

The instructions for use are available for download at:

invitek.com/en/Search

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