geneLEAD VIII for Pathogens xB / xC:
PCR amplification starting with LINA buffer or eluates (resistance gene testing)

cube dx hybCell technology

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V006

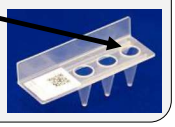
This brief instructions are based on ‚Pathogens xB_instructions for use_E_2025_07_01'. In case of contradictory information within this brief instructions, the information in the currently applicable instructions for use for ‚Pathogens xB' prevails.

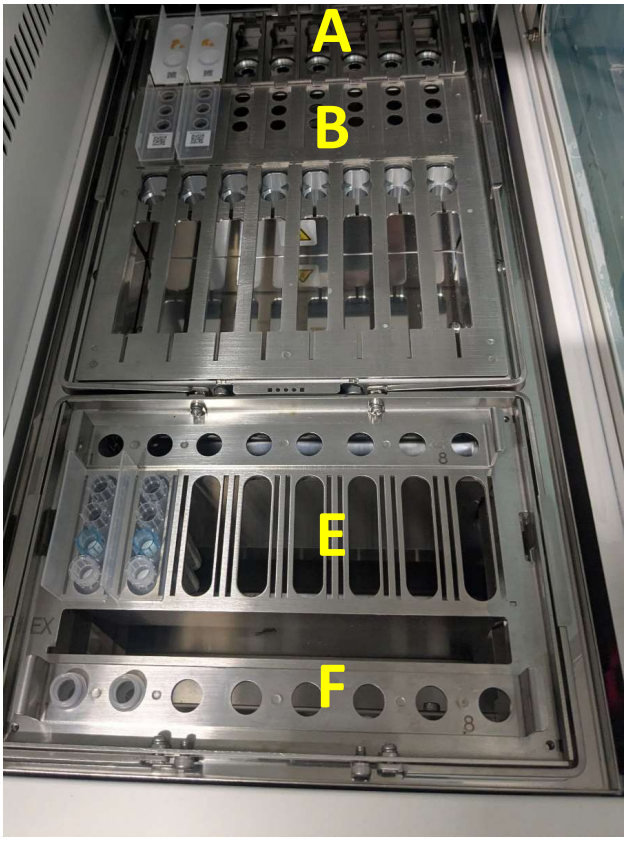
A

Insert PCR Cassette (remove black cover)

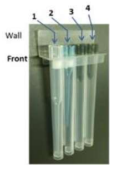
B

Fill well 1 with 20µl PCR-mix
Insert pipette deeply!
Insert PCR Reagent Cassette





E



Insert tip racks

F

Insert open Elution Tube (0.5ml) containing..

LINA:
…at least 20µl of LINA-sample-mix
Resistance:
…at least 20µl of eluate

(keep lids in a clean space)

Check if all reagents are „in line" before starting

Storage <18 hours: 4°C to 8°C / Storage > 18 hours: -25°C to -15°C

Detail PCR

Testing
Bacteria
Fungi

Resistance

PCR Mix:		PCR Protocol:
20µl	PCR-Box Bacteria 48rx-s	CDX Bacteria_xB_gLVIII_xx
20µl	PCR-Box Fungi 48rx-s	CDX Fungi_xB_gLVIII_xx
20µl	PCR-Box Res g+ xC 24rx-s	CDX Res_g+_xC_gLVIII_xx
20µl	PCR-Box Res g- AB xC 24rx-s	CDX_Res_g-_AB_xC_gLVIII_xx
20µl	PCR-Box Res g- CD xC 24rx-s	CDX_Res_g-_CD_xC_gLVIII_xx

xx..Version information

Start PCR Only

Follow instructions of the software → *Chose protocol*
→ *PCR Only*

Unload geneLEAD VIII

Rack 2 (E/F): *Remove Elution Tubes (F), close them. Discard the rest of the consumables.*

Rack 1 (A/B): *Remove the PCR Cassettes (A) and put them into the PCR Rack provided by Cube Dx. Discard the rest of the consumables.*

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