

BioEcho Cap Puncher

for fast and convenient loading of BioEcho Spin Columns

Content

BioEcho Cap Puncher

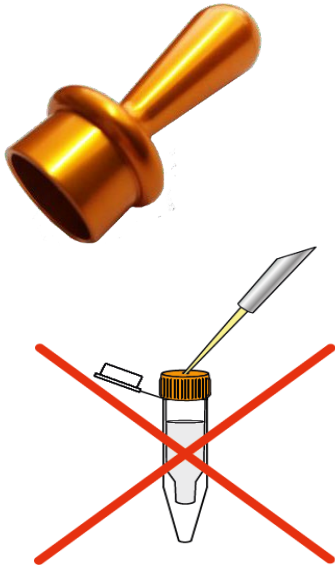
Product number:

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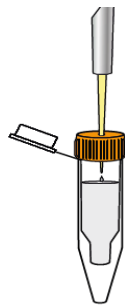
Use

The BioEcho Cap Puncher increases processing speed by punching a hole into the cap of the spin columns through which the sample is pipetted. No more opening and closing of column screw caps is needed. This simplifies the overall procedure and speeds up sample processing time. Scan the QR code for a video demonstrating the use of the Cap Puncher.

BioEcho Cap Puncher:



QR link to video:



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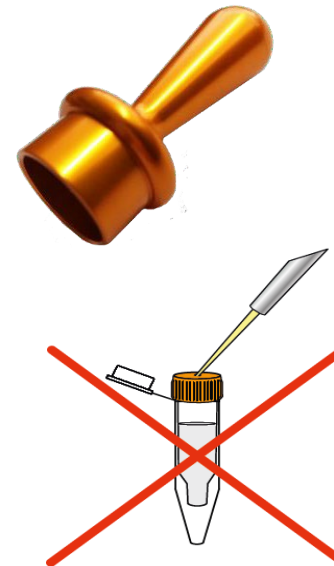
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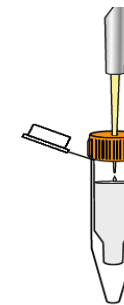
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BioEcho Cap Puncher:



QR link to video:



Column preparation

1. Vortex and let stand the BioEcho Spin Column according to the user manual.

Use of the Cap Puncher:

2. **Place the BioEcho Cap Puncher on the cap and push.** The Cap Puncher pierces the cap (scan QR code for a video demonstrating the use of the Cap Puncher).
3. **Lift the column together with the Cap Puncher out** of the collection tube.
4. **Snap off bottom closure of the column and detach the Cap Puncher.** Place back the spin column into the 2 mL reaction tube.
5. Centrifuge spin column as indicated in the user manual.
Discard the 2 mL reaction tube containing the column buffer.
6. Place the prepared spin column into a new 1.5 mL reaction tube for elution of the sample and place both together in a rack.

Sample preparation and lysis, purification

7. Follow the user manual instructions for sample preparation and lysis.
8. Transfer the lysed sample/lysis supernatant onto the prepared column from step 6: Completely insert pipet tip vertically through the hole in the column cap and pipet the sample slowly (~ 5 sec) into the column (see figure or scan QR code to watch how to load samples through the punched lid).
NOTE: The sample drops are absorbed completely by the top layer of the resin bed. Too fast pipetting causes the sample to pass the resin material on the column wall without purification.
9. Centrifuge spin column as indicated in the user manual. The purified nucleic acid flows through the column into the 1.5 mL tube. Discard the spin column.
10. Continue with sample storage as indicated in the user manual.

Important safety hints for new users

- The BioEcho Cap Puncher is intended for use with EchoLUTION or EchoCLEAN spin columns only.
- The tip is extremely sharp and should be used with appropriate caution.
- Never put your finger into the opening of the protective ring around the tip.
- Not appropriate for children.
- The BioEcho Cap Puncher can be disinfected with standard disinfectants.
- Discoloration of the BioEcho Cap Puncher does not affect its use.



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