Modified Qiagen PCR purification (no gel extraction) with MinElute spin column.

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Abstract

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Before start

The protocol remains unmodified from original kit protocol, with the exception of steps 6, 7 and 8.

Protocol

Step 1.

Add 5 volumes of Buffer PB to PCR and mix.

Step 2.

Place 800 µL of sample in a QIAquick column within a collection tube, spin at maximum speed for 1 minute.

AMOUNT
800 µl Additional info:

Step 3.

Discard flow-through.

Step 4.

If any sample remains, continue spinning through column and discard flow-through.

Step 5.

Wash with 750 µL of buffer PE, centrifuge for 1 minute, discard flow-through.

AMOUNT
750 µl Additional info: buffer PE

Step 6.

Clean top edge and bottom edge of collection tube by pipetting out remaining liquid with P20.

NOTES
Ashley Humphrey 12 Sep 2017

Modified from original kit protocol.

Step 7.

Place column with hinge facing INWARDS and spin for 1 minute.

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Modified from original kit protocol.

Step 8.

Place column with hinge facing OUTWARDS and spin for 1 minute at maximum speed.

NOTES
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Modified from original kit protocol.

Step 9.

Place column in new 1.5 µL Eppendorf tube.

Step 10.

Add 10.3 µL of water.

AMOUNT
10.3 µl Additional info:

Step 11.

Let stand for 1 minute.

Step 12.

Centrifuge at maximum speed for 1 minute to elute.