

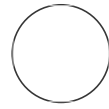


APR 26, 2023

## Size selection (Purification)

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ABSTRACT

Size selection (Purification)

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**Protocol status:** Working  
We use this protocol and it's working

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81048

1 Prepare 20  $\mu$ L sample and 9  $\mu$ L magnetic beads in 1.5 mL eppendorf tube.

A	B	C	D

A	B	C	D
Component	Volume	Proportion	Note
Sample	20 µl	1x	
Magnetic beads	9 µl	0.45x	BeaverBeads™ DNA Select Isolation



- 2 Mix sample and beads gently by flicking then flash spin the tube. Put on the regular rack for 5mins  00:05:00 .

5m

#### Note

DON'T put the tube on magnetic rack during waiting in this step.

- 3 Transfer the tube to the magnetic rack. After most of the magnetic beads attach to the wall, remove the supernant.

- 4 Add  300 µL 75% ethanol, flip whole magnetic rack around. Wait for 3 mins  00:03:00 and remove the supernant.



3m

- 5 Repeat **step 4**.

- 6 Quick spin the tube, and put on the magnetic rack. Remove superfluous solution with 10 µl pipette.

#### Note

**Caution: DO NOT let the beads crack!**

- 7 Add  10 µL elution buffer. Mix gently by flicking and flash spin the tube. Put on the regular rack for 10mins  00:10:00 .

10m

#### Note

DON'T put the tube on magnetic rack during waiting in this step.

- 8 Transfer the tube to the magnetic rack. After most of the magnetic beads attach to the wall, collect the supernatant to 200 µl PCR tube or 8-strip PCR tube.
- 9 Ready for 2' PCR.