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We use this protocol and it's working

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Size selection (Purification)

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ABSTRACT

Size selection (Purification)

1 Prepare 20 µL sample and 9 µL magnetic beads in 1.5 mL eppendorf tube.

	A	B	C	D

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	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 supernant to 200 µl PCR tube or 8-strip PCR tube.

9 Ready for 2' PCR.