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Purification (Size selection)

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

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Abstract

Purification (Size selection)

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

	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

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 80% ethanol, flip whole magnetic rack around. 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. Incubate at 37C 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 all the magnetic beads attach to the wall, collect the supernant to a new DNA tube (0.5 ml skirt tube).

9 Ready for downstream process (e.g. 1' or 2' PCR, or library construction.