Protocol for RNA purification with Biomed RNAclean Kit

Adjust the sample to a volume of 100 µl with RNase-free water. Add 350 µl Buffer RC, and mix well.

Add 250 µl 100% ethanol to the diluted RNA, and mix well by pipetting. Do not centrifuge.

Transfer the sample to an RA spin column placed in a 2 ml collection tube. Close the lid gently, and centrifuge for 45 s at 12000 rpm. Discard the flow-through.

Place the RA spin column in the collection. Add 500 µl Buffer RW to the spin column. Close the lid gently, and centrifuge for 45 s at 12000 rpm to wash the spin column membrane. Discard the flow-through.

Repeat the last step.

Centrifuge for 2 min at 13000 rpm. Discard the flow-through and collection tube.

Place the RA spin column in a new 1.5 ml RNase-free microcentrifuge tube. Add 50-80 µl 65-70 ℃ RNase-free water. Close the lid gently. Let stand for 2min and centrifuge for 2min to elute the RNA.

Reference: Biomed RNAclean Handbook