Ammonium acetate/Ethanol DNA purification

Description

A quick and cheap way to clean up PCR product or any dirty DNA that is giving you trouble. Handy because you can do it in 96 well plates, this protocol is written for the 96well format and a 25µl PCR reaction, but it can be easily scaled up to 1.5ml Eppies as well.

What you need

1. Alcohol (96% Ethanol)
2. Ammonium Acetate (7.5M)
3. 96 well plate of dirty DNA (some plates are too slippery for this protocol, if the wells look too transparent then they might be no good, most are fine though)

Protocol

1. Add 2µl of 7.5M Ammonium acetate to each well
2. Add 60µl of cold 100% EtOH vortex it gently and spin at 4000rpm for 20 min (when using 96 well plates)or spin it at 12000 rpm for 30 min (when using Eppendorf tubes)
3. Blot the pcr plate upside down on paper towel (remove as much liquid as possible) and spin it upside down on a clean sheet of paper towel at 500 rpm for 1 min (when using 96 well plate)
4. Add 100µl of cold 70% EtOH vortex it gently and spin at 4000 rpm for 15 min (when using 96 well plates) or spin it at 12000 rpm for 15 min (when using Eppendorf tubes)
5. Repeat step 3 (spin upside down 1 min @ 500 rpm) and then resuspend in desired volume of clean H_2O or TE buffer

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