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Gel PCR Product Purification

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Protocol status: Working

We use this protocol and it's working

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Abstract

For isolate the desired product or reoptimize the PCR to obtain a single product.


Materials

MATERIALS

 Filter Tips

 Microtubes 1.5ml

 22 gauge needle **Merck MilliporeSigma (Sigma-Aldrich) Catalog #Z192473**

 Micropipettors

 Microtubes 0.6ml

 Refrigerator



- 1 Drill the bottom of a 0.6 mL microcentrifuge tube with the aid of a needle
- 2 Extract the band of expected size extracted from the gel
- 3 Transfer the gel band into a 0.6 mL perforated microcentrifuge tube
- 4 Place the 0.6 mL microcentrifuge tube into a 1.5 mL microcentrifuge tube
- 5 Centrifuge at 14000 x g for 1 min
- 6 Discard 0.6 mL microcentrifuge tubes
- 7 Add 70 μ L of Nuclease-Free Water
- 8 Store in the refrigerator overnight.
- 9 Store in the freezer in the next day.