

Apr 09, 2019

Version 2

Zymoclean™ Gel DNA Recovery V.2



Version 1 is forked from [1. RNA isolation for tissue](#)

DOI

<https://dx.doi.org/10.17504/protocols.io.zx4f7qw>

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Protocol status: In development

We are still developing and optimizing this protocol

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Protocol Integer ID: 22236

Keywords: dna



- 1 Excise the DNA fragment from the agarose gel using a razor blade, scalpel or other device and transfer it into a 1.5 ml microcentrifuge tube.
- 2 Weight empty 1.5 ml microcentrifuge tube.
- 3 Weight tubes with agarose gel and subtract the weight of the empty tube.
- 4 Add 3 volumes of ADB to each volume of agarose excised from the gel (e.g. add of ADB to every of agarose gel).
- 5 Incubate at to for to until the gel slice is completely dissolved.
- 6 Transfer the melted agarose solution to a Zymo-Spin™ Column in a Collection Tube.
- 7 Centrifuge for to seconds.
- 8 Discard the flow-through.
- 9 Add of DNA Wash Buffer to the column and centrifuge for .
- 10 Discard the flow-through.



- 11 Repeat the wash step by adding  200 μ L DNA Wash Buffer of DNA Wash Buffer to the column and centrifuge for  00:00:30 .
- 12 Add at least  6 μ L DNA Elution Buffer of DNA Elution Buffer directly to the column matrix.
- 13 Place column into a 1.5 ml tube and centrifuge for  00:00:30 minimum to  00:01:00 maximum seconds to elute DNA.