VERSION 2

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Zymoclean™ Gel DNA Recovery V.2

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

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Protocol status: In development
We are still developing and optimizing this protocol

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- 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 300 µL ADB of ADB to every 100 mg agarose gel of agarose gel).
- 5 Incubate at 37 °C minimum to 55 °C maximum for 00:05:00 minimum to 00:10:00 maximum 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 00:00:30 minimum to 00:01:00 maximum seconds.
- 8 Discard the flow-through.
- 9 Add 200 µL DNA Wash Buffer of DNA Wash Buffer to the column and centrifuge for 00:00:30 .

- 10 Discard the flow-through.
- 11 Repeat the wash step by adding 200 µL DNA Wash Buffer of DNA Wash Buffer to the column and centrifuge for 00:00:30 .
- 12 Add at least 6 µL 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.