

GlasPac™ purification of DNA from Agarose Gels or Solutions

For DNA (200 to 20,000bp) from Agarose Gels:
Excise band from gel. Place in a 1.7ml micro tube.

Dissolve gel in 4 to 5 volumes of #4 Salt for
10 minutes @ room temperature (RT).
(Temperature may be elevated to
increase the rate of dissolution.)

For DNA (200 to 20,000bp) from Solutions:
Place solution in a 1.7ml micro tube.
Add 3 to 4 volumes of #4 Salt.

Next, add 3µl of suspended GlasPac for the
first µg of DNA, **plus** 1µl of GlasPac for
each additional µg of DNA.

Vortex 2 seconds. Incubate 5 minutes @ RT.

Centrifuge 10 seconds. Aspirate supernatant
completely with a MicroFlex pipet tip.

Resuspend GlasPac pellet in #5 Wash* (see
note), using same volume as #4 Salt above.

***Note: For DNA less than 200 base pairs
in length, add 2 volumes of Ethanol to
3 volumes of prepared #5 Wash.**

Centrifuge 10 seconds. Aspirate supernatant
completely with a MicroFlex pipet tip.
(Wash step may be repeated several times.)

After aspirating final wash, centrifuge for
2 seconds. Remove any residual wash.

Resuspend GlasPac pellet in an appropriate
volume of H₂O, (at least equal to the
volume of GlasPac initially used).

Incubate for 5 minutes @ RT while
periodically resuspending GlasPac.

Centrifuge 30 seconds. Transfer the
eluted DNA into a new 1.7ml micro tube.

GlasPac™ purification of RNA

To purify RNA from agarose gels or solutions, follow
protocol above. GlasPac binds both DNA and RNA.



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for

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of

DNA or RNA from
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