

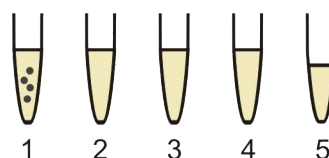
Protocol for QuickPick™ DNA Fragment kit with PickPen® 1-M

Reagent	Reagent volume per preparation			
	50 mg / 50 µl	100 mg / 100 µl	200 mg / 200 µl	300 mg / 300 µl
Gel melting / Binding Buffer	150 µl	300 µl	600 µl	900 µl
Magnetic Particles	5 µl	10 µl	20 µl	30 µl
Wash Buffer 1	2 x 200 µl	2 x 500 µl	2 x 600 µl	2 x 700 µl
Wash Buffer 2	200 µl	500 µl	600 µl	700 µl
Elution Buffer	5 -100 µl	5 -100 µl	5 -100 µl	5 -100 µl

Gel melting and DNA binding

1. During the electrophoresis, pipette kit reagents into tubes 1 – 5 as follows:

- Tube 1 Magnetic Particles and Gel melting/DNA binding Buffer
- Tube 2 Wash Buffer 1
- Tube 3 Wash Buffer 1
- Tube 4 Wash Buffer 2
- Tube 5 Elution Buffer

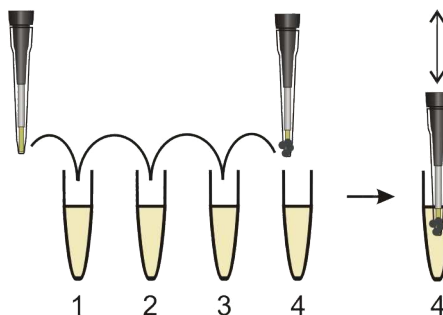


2. After the gel electrophoresis, add the gel slice into tube 1. Incubate for 5-10 minutes at 50°C with occasional mixing.



Washing

3. Collect the Magnetic Particles with PickPen® and wash them in tube 2. Repeat the washing step in tube 3.



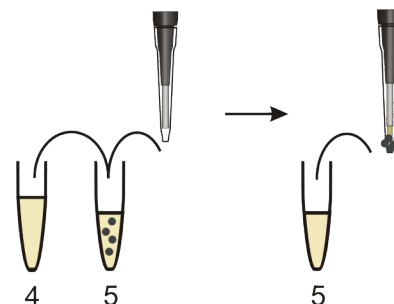
Washing using DipWash™

4. Collect the Magnetic Particles from tube 3 with PickPen® and gently dip the Magnetic Particles in tube 4 for 10 seconds without releasing the particles.

Elution

5. Collect the Magnetic Particles from tube 4 and release them into tube 5. Mix and incubate for 5 - 10 minutes at 50°C.

6. Collect the Magnetic Particles from tube 5 and discard them with the tip. Store the DNA at -20°C until use.



Protocol for QuickPick™ DNA Fragment kit with PickPen® 8-M

Reagent	Reagent volume per preparation			
	50 mg / 50 µl	100 mg / 100 µl	200 mg / 200 µl	300 mg / 300 µl
Gel melting / Binding Buffer	150 µl	300 µl	600 µl	900 µl
Magnetic Particles	5 µl	10 µl	20 µl	30 µl
Wash Buffer 1	2 x 200 µl	2 x 500 µl	2 x 600 µl	2 x 700 µl
Wash Buffer 2	200 µl	500 µl	600 µl	700 µl
Elution Buffer	5 -100 µl	5 -100 µl	5 -100 µl	5 -100 µl

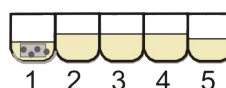
Gel melting and DNA binding

1. During the electrophoresis, pipette kit reagents into columns 1 – 5 of a 96-well plate as follows:

- Column 1 Magnetic Particles and Gel melting/DNA binding Buffer
- Column 2 Wash Buffer 1
- Column 3 Wash Buffer 1
- Column 4 Wash Buffer 2
- Column 5 Elution Buffer

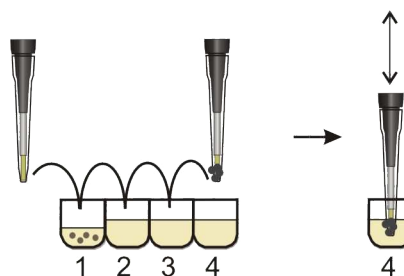


2. After the gel electrophoresis, add the gel slice into column 1. Incubate for 5-10 minutes at 50°C with occasional mixing.



Washing

3. Collect the Magnetic Particles with PickPen® and wash them in column 2. Collect and repeat the washing step in column 3.



Washing using DipWash™

4. Collect the Magnetic Particles from column 3 with PickPen® and gently dip the Magnetic Particles in column 4 for 10-30 seconds without releasing the particles.

Elution

5. Collect the Magnetic Particles from column 4 and release them into column 5. Mix the 96-well plate on the orbital shaker for 5 - 10 minutes at 50°C.

6. Collect the Magnetic Particles from column 5 and discard them with the tip. Store the DNA at -20°C until use.

