Protocol
QuickPick™ DNA Fragment

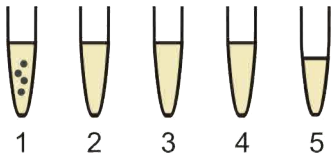
Protocol for QuickPick™ DNA Fragment kit with QuicPick™ one magnet

Reagent	Reagent volume per preparation			
Sample amount	**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



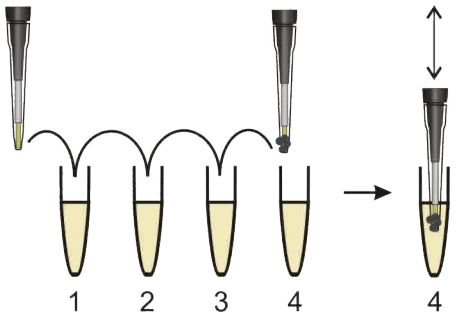
2. After the gel electrophoresis, add the gel slice into tube 1. Incubate for 5-10 minutes at 50ºC with occasional mixing.

Washing

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

Washing using DipWash™

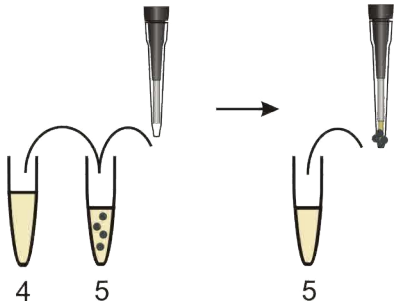
4. Collect the Magnetic Particles from tube 3 with QuicPick and gently dip the Magnetic Particles in tube 4 for 10 seconds without releasing the particles.



Elution

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

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



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Protocol
QuickPick™ DNA Fragment

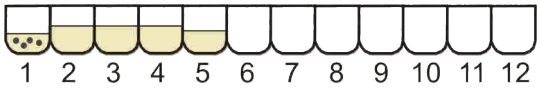
Protocol for QuickPick™ DNA Fragment kit with PickPen® 8-M

Reagent	Reagent volume per preparation			
Sample amount	**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

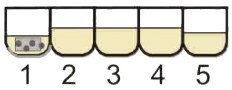
Gel melting and DNA binding

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 50ºC with occasional mixing.

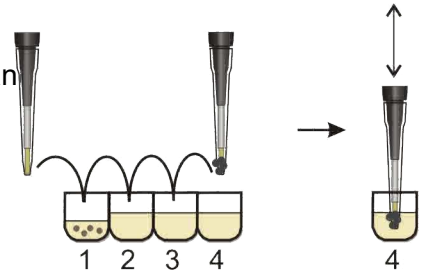


Washing

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™

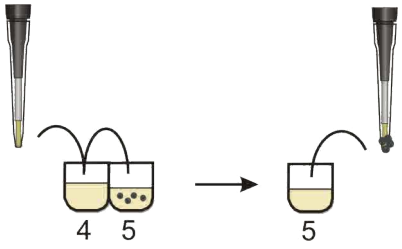
4. Collect the Magnetic Particles from column 3 with PickPen® and gently dip the Magnetic Particles in column 4 for 10-30 seconds without releasing the particles.



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 50ºC.

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



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