

GeNei™ Gel Extraction Teaching Kit

Description: Isolation and cleaning the fragment of interest from the agarose gel is one of the key steps involved in cloning. Various techniques are employed to purify DNA from agarose gel.

Clean Gene Teaching Kit involves the use of specially formulated glass powder that binds single and double stranded DNA without binding contaminants. Students will purify the DNA fragments of different sizes run on agarose gel (generated by restriction digestion of pUC18 with *Taq* I enzyme) by using glass powder.

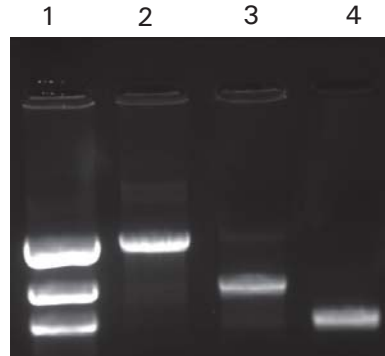
The kit contains reagents sufficient for 5/20 sets of experiments.

Materials Provided:

- pUC/Taq I Digest
- Silica
- Sodium Iodide Solution
- Wash Buffer
- 1X TE
- Agarose
- Staining Dye
- Gel Loading Buffer
- 50X TAE
- 1.5 ml vials
- Instruction Manual

Elpho Kit (Cat # 107070)

Specially designed mini size electrophoresis apparatus and power supply unit (50 V/100 V) which can be ordered separately.



Lane:
 1. pUC18/Taq I Digest
 2. 1444 bp fragment
 3. 736 bp fragment
 4. 476 bp fragment

Purified pUC/Taq I fragments

Ordering Information:

Product	Size	Cat #
GeNei™ Gel Extraction Teaching Kit (Consumables for 5 experiments)	1 Pack	106300
GeNei™ Gel Extraction Teaching Kit (Consumables for 20 experiments)	1 Pack	106301