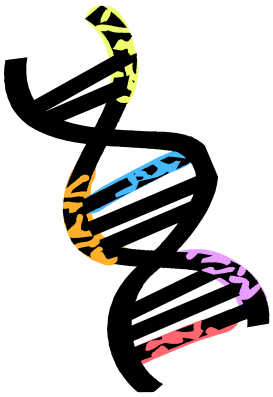
LAMDA
BIOTECH

Column-Pure™
PCR Clean-up Kit

Cat. No. D509

Revised 10/07/16



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Catalog No.: **D509**

Product Name: **Column-Pure™ PCR Clean-up Kit**

Size: **100 preps**

Description: This kit is designed for purification of PCR products ranging from 100bp to 10kb. Salt, primers, enzymes, dNTPs and other impurities will be removed from the PCR reaction products. The incorporation of a new technology also allows the kit to be used to concentrate DNA by eluting samples in small volumes.

Kit Contents:

DNA Binding **Buffer B3**	2X24ml
Wash Solution	2X20ml
EZ-10 Spin Columns	100
Elution Buffer	10ml

**Ethanol supplied by user*

Caution: *DNA Binding Buffer contains chaotropic salt. Please use proper safety precautions and always wear gloves when handling this reagent. Avoid contact with skin, eyes or clothing. In case of accidental spill or contact, wash thoroughly with water, seek medical attention if necessary.*

Storage: Store all Buffers at room temperature.

This kit is designed for research use only.

Do not inhale or swallow.

Keep away from food, drink, and animal feed.

Keep out of children's reach.

In case of accidental exposure, seek immediate medical attention.

All MSDS are available on request.

Protocol:

Note: Before use, add and mix 80ml of ethanol to each bottle containing 20ml **Wash Buffer**.

1. Mix 5 volumes of the **DNA Binding Buffer** with 1 volume of your PCR reaction.
2. Load up to 700µl of the mixture to the **Spin Column**, and centrifuge for 1 minute at full speed (~10,000rpm) in a microcentrifuge.
3. Discard the flow-through. If sample volume is larger than 700µl, add more sample to the column and repeat the spin. Otherwise, go to next step.
4. Wash the column by adding 700µl of **Wash Buffer** and centrifuging for 1 minute.
5. **(Optional Wash):** If desired, or complex samples are involved other than PCR products, Wash the column again by adding 700µl of **Wash Buffer** and centrifuging for 1 minute.
6. Discard the flow-through and centrifuge the column for ***one more additional minute*** to remove any residual Wash Buffer.
6. Transfer Spin Column to a new 1.5ml microcentrifuge tube.
7. Add 30-50µl of **Elution Buffer** to the center of the column and centrifuge for 1 minute to elute the DNA from the column.

Related Products

Column-Pure™ Plasmid Mini-Prep Kit, Cat No. D504

Column-Pure™ DNA Gel Recovery Kit, Cat. No. D507

100bp DNA Ladder, Cat. No. M107

1Kb DNA Ladder II, Cat. No. M108

Standard-Agarose, Cat. No. A113

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