

Product code: 2MCL:

MicroCLEAN

P. Code	Number of Rxn	Component	Description	Lot Number	Expiry
2MCL-1	100@20µl	MicroCEAN 2 x 1ml	POST PCR dsDNA Clean Up		

Applications

- Post PCR Clean Up of dsDNA

Product Description:

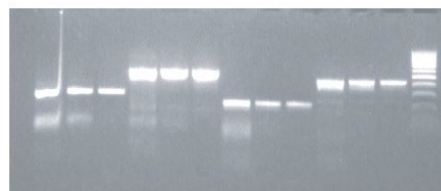
MicroCLEAN is part of the Microzone Free From range of products. It does not use filter columns, magnetic beads, alcohols, solvents.

MicroCLEAN used on Post PCR reactions will remove unwanted residual dNTPs, short primer dimers, unincorporated dyes etc.

Quick and simple protocol with minimal equipment required.

Key Features

- Simple method without need for filter columns or magnetic beads.
- Less environmental impact from plastics.
- Free from the use of alcohols and other solvents.
- Easy method allows MicroCLEAN to be used outside of a laboratory and in the field.



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1: Uncleaned DNA, 2: Column Cleaned

3: MicroCLEAN'd

Tips:

The cleaned dsDNA can be diluted in TE buffer or Molecular Grade Water.

Ensure that the second spin is followed and supernatant removed to deliver the best clean possible.

Protocol

Add equal volume of microCLEAN to DNA sample. Mix by pipetting. Leave at room temperature for 5 minutes.

For tubes:

- Spin at high speed (10 to 13K in microfuge) for 7 minutes
- Remove supernatant
- Spin briefly again and remove all liquid (important)
- Resuspend pellet in appropriate volume of TE
- Leave 5 minutes to rehydrate DNA

Clean DNA is now ready for further processing

For plates:

- Spin at 2000 to 4000g for 40 minutes
- Place plate upside down on to tissue paper in the Centrifuge holde
- Pulse centrifuge to <40g for 30 seconds
- Resuspend pellet in the appropriate volume of TE
- Leave 5 minutes to rehydrate DNA

Clean DNA is now ready for further processing.

Product Handling

Storage

To ensure the quality of the product until the expiry date keep at the recommended storage temperature and limit exposure to light.

Contamination Control

To prevent erroneous results ensure work environment is free of contamination by cleaning your workstation and equipment with a DNA decontaminant daily, wear gloves, use sterile tubes and filter pipet tips.

Simple | Effective | Efficient