

Concentrate faster. Don't amplify contaminants.

Microcon® DNA Fast Flow PCR-grade Ultrafiltration Filter

- Working with low concentrations of DNA?
- Purifying DNA to prepare for PCR amplification?
- Working with hard to extract samples?

Use EMD Millipore's new PCR-grade Microcon® ultrafiltration device, with the great features of the Microcon® DNA Fast Flow filter:

- Highly efficient concentration of genomic DNA
- Low-binding Ultracel® membrane
- High recovery of genomic DNA using reverse spin collection of concentrated sample
- Compatible with standard extraction methods
- Compatible with downstream PCR amplification

and..

- Dual-cycle EtO treatment has been shown to render contaminating DNA unamplifiable^{1,2}



1. Archer E et al. Validation of a dual cycle ethylene oxide treatment technique to remove DNA from consumables used in forensic laboratories. *Forensic Science Int Genetics* 4 (2009) 239-243.
2. Shaw K et al. Comparison of the effects of sterilization techniques on subsequent DNA profiling. *Intl J Legal Med* (2008) 122:29-33.

Faster concentration with the Microcon® filter.

The new dual cycle EtO-treated Microcon® DNA Fast Flow PCR-grade devices enable centrifugal concentration at a similar rate as the Microcon® DNA Fast Flow devices, but the EtO treatment greatly reduces the risk that no uncontrolled contaminating nucleic acids enter the analysis process. Both Microcon® devices exhibit faster flow rate (volume filtered per minute) compared to competitor centrifugal products.

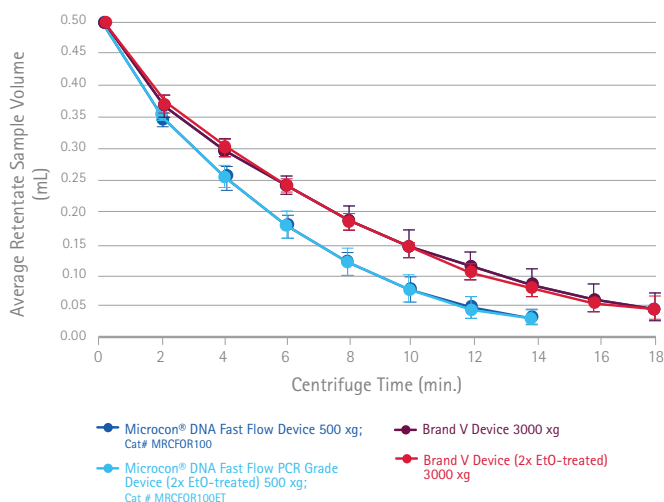


Figure 1.

Flow Curves: Microcon® DNA Fast Flow Devices and Brand V devices were used to concentrate 0.5 mL of a 0.2 µg/mL solution of genomic DNA (extracted with phenol-chloroform-isoamyl alcohol), n = 4.

Ordering Information

Description	Qty/Pk	Catalogue No.
Microcon® DNA Fast Flow PCR-grade Device <i>Dual cycle EtO treated</i>	20 Pack	MRCFOR100ET

To Place an Order or Receive Technical Assistance

In the U.S. and Canada, call toll-free 1-800-645-5476

For other countries across Europe and the world, please visit: www.millipore.com/offices

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