

Pure recovery : your sample is as precious as gold / Millipore (UK) Ltd.

Contributors

Millipore (UK)

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MILLIPORE

pure recovery

Your sample is as precious as gold.

When a few microlitres of protein, DNA, or other biological solution represents days of work, and ultimately years of research and millions of pounds, every drop counts.

Don't take chances with sample preparation. 

Comparative studies have shown that Amicon Ultracel YM membranes provide the highest sample recovery when measured by biological mass or activity.

And that's like money in the bank.



Millipore (U.K.) Ltd. – Phone: (01923) 813 364, Fax: (01923) 816 128

High recovery concentration

Amicon® Microcon®, Centricon®, and Centriplus® devices provide the highest recovery when concentrating, desalting, or purifying protein samples.

These easy-to-use disposable devices incorporate the low-binding Ultracel™ YM membrane and a patented invert spin method for the highest possible recovery. A deadstop feature avoids the risk of running the sample to dryness. Microcon processes volumes to 0.5 mL, Centricon to 2 mL, and Centriplus to 15 mL. Each is available in a range of MW cutoffs, from 3,000 to 100,000.



Large volume concentration

Centricon Plus-20 and Plus-80 centrifugal filter devices are designed for concentration, purification, buffer exchange, and desalting of large-volume samples. Rapid and userfriendly, these devices use the invert spin method for concentrate recovery and are available in Ultracel YM and Biomax™ PB membranes. Centricon Plus-20 concentrates 20 mL samples down to 200 µL in just 10 minutes. Centricon Plus-80 concentrates 80 mL to 300 µL in just 30 minutes. Each is available in a range of MW cutoffs, from 5,000 to 100,000.

Fast protein purification

Ultrafree® centrifugal devices provide maximum speed and convenience when concentrating or desalting protein solutions. Ultrafree devices are recommended for concentrated samples such as conditioned media, lysates, or complex mixtures of macromolecules. Available in processing volumes of 0.5, 4, 15, and 60 mL. Each is available in a range of MW cutoffs, from 5,000 to 100,000.



Clean peptides fast

Concentrate or purify up to 400 µg of peptides using Microcon-SCX adsorptive microconcentrator. This disposable centrifugal device employs a strong cation exchange membrane to concentrate and remove salts or detergents from peptides, amino acids, or DNA oligomers. Adsorption and elution of sample volumes up to 500 µL takes a few minutes and results in recovery that is typically higher than 90%.



DNA recovery from agarose

The easy-to-use Ultrafree-DA device lets you recover fully functional DNA of 100 to 10,000 bp from ordinary agarose gels. In one 10-minute spin, agarose gel is fragmented and compressed, resulting in extruded DNA that is ready for sequencing or cloning. Recoveries are equivalent or superior to silica-based methods, and results are not affected by buffer, pH, or user experience.



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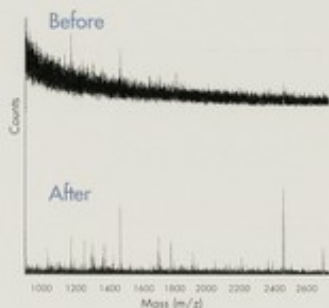
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In-gel digestion of "spot 223" of 2D gel before and after ZipTip_{C₁₈}

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