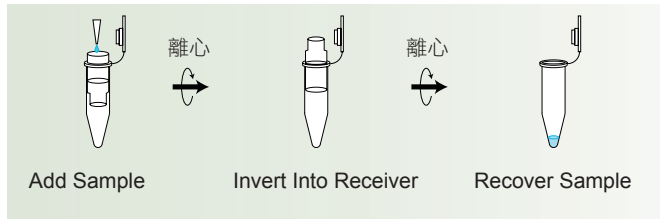


簡單快速

適用少量sample (500µl) 利用 invert spin 方式，適當的離心速率和時間即可以快速簡單的方式得到高產量的樣品。



高回收率

只要選擇適合的分子量，不同分子量大小的 sample 皆可以得到最高的回收率，且回收率皆高於95%。

Retentate Recovery (%) by Normal MW

Solute (Concentration)	MW	3,000	10,000	30,000	50,000	100,000
Cytochrome c (0.25 mg/mL)	12,400	94	95	—	—	—
α-Chymotrypsinogen (1 mg/mL)	25,000	—	95	—	—	—
Ovalbumin (1 mg/mL)	45,000	—	—	95	—	—
Bovine Serum Albumin (1 mg/mL)	67,000	—	—	95	95	—
Bovine IgG Fraction II (1 mg/mL)	156,000	—	—	—	95	95

濃縮和去鹽

Microcon 可以同時濃縮和去鹽，Millipore 可以給你比其它傳統方法更快更好的實驗結果。

DNA Concentration

Method	DNA Concentration				
	10 ng/mL	25 ng/mL	50 ng/mL	250 ng/mL	1000 ng/mL
	% Recovery	% Recovery	% Recovery	% Recovery	% Recovery
EtOH, -70 °C, 15 min	14	15	23	52	55
EtOH, -20 °C, 30 min	13	20	25	60	72
EtOH, -20 °C, 18 hrs	31	45	45	76	67
Microcon 30K NMWL Device	95	95	93	98	99

Ordering information

Description	NMWL	Qty/PK	CatalogueNo.
Microcon Filter Units	3K	24	42403
		100	42404
	10K	24	42406
		100	42407
	30K	24	42409
		100	42410
	50K	24	42415
		100	42416
	100K	24	42412
		100	42413

Nothing... beats a Microcon

High Recovery Design

Low-binding Ultracel-YM regenerated cellulose membrane

濃縮倍數可高達100X

Invert spin method 可提供高回收率 (>95%)

Highest Recovery



應用

- 去 detergent、去鹽
- 透析、置換 buffer
- 濃縮
- 純化 protein, antibodies and nucleic acids
- 移除 primers, linkers and un-incorporated label
- Forensics identification

Microcon 小撇步

1. To choose the best cut-off for protein :

Protein MW divided by 2 or 3 = best cut-off to select

➡ 若sample 為35 kDa protein，選擇 10 kDa membrane 即可得到最佳的 recovery。

2. To choose the best cut-off for DNA/ Oligo :

NMWL	Single-Stranded Nucleotide Cut-off (bp)	Double-Stranded Nucleotide Cut-off (bp)
	3K	10
10K	30	20
30K	60	50
50K	125	100
100K	300	125

3. Microcon 有glycerol 貼心保護 membrane，使用前請先用water/PBS rinse 啲。



new product 預告

Amicon Ultra- 0.5 ml

即將上市亮相喔!

敬請期待 ~~~

