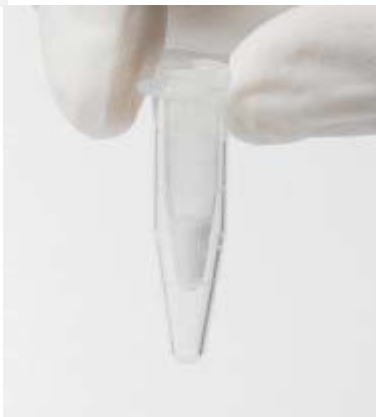


## GeneFlow SuperSpin™ Desaltors Information

- **Most proteins (> 6,000 dalton) and DNAs (> 10 bp) can be desalted**
- **Very little loss of target molecule (typically > 95% recovery)**
- **Suitable for Buffer exchange, e.g., after low pH elution**
- **Ideal for desalting of histidine-tagged proteins (e.g. Imidazole and NaCl) recovered from IMAC SuperSpin™**
- **Typical sample loading volume of 10-100µl**
- **DNase free**



Based on the principles behind size exclusion chromatography, cross-linked neutral polysaccharide particles with very small pores are packed into spin tubes for rapid desalting and / or buffer exchange. The SuperSpin™ Desaltor achieves desalting or buffer exchange in just a few minutes. Up to 24 samples (depending on the type of microcentrifuge) of 10 – 100 µl can be processed in one spin. It is a

much faster and more efficient approach when compared to dialysis tubes or membrane ultrafiltration. The small porous particles provide huge surface area with very short diffusion distance, which means small molecules such as salt can be partitioned rapidly.

The SuperSpin Desaltor™ avoids problems experienced by dialysis tubes and membranes such as low surface area and membrane blockage.



## Technical data

Biological samples with molecule size > 6,000 dalton can be desalted with SuperSpin™ Desaltor.

Protein	Sample Loading	Salt Removal	Protein Recovery
Lysozyme (14.6K, 1 mg/ml in 10 mM Tris/HCl plus 1 M NaCl)	10 µl	100%	99%
Lysozyme (14.6K, 1 mg/ml in 10 mM Tris/HCl plus 1 M NaCl)	100 µl	86.5%	96%
BSA (66K, 1 mg/ml in 10 mM Tris/HCl plus 1 M NaCl)	10 µl	100%	83%
BSA (66K, 1 mg/ml in 10 mM Tris/HCl plus 1 M NaCl)	100 µl	83.5%	98%

## Ordering Information

Product Number	Suppliers Reference	Description	Pack Size	Price £
P7-0002	210101	SuperSpin™ Desaltors	50	91.50
P7-0004	220101	SuperSpin™ Concentrators	50	120.60

SUPER DESALT/INFO/2008