

# CORAL Desalting Resin

Desalting is a critical step in processing samples that have been isolated in the presence of salts and other small molecules. Resin based desalting is performed by allowing the small molecules to freely enter the resin pore and be retarded in their flow through the packed resin bed while the high molecular weight molecules like proteins in the sample are excluded from the resin and rapidly exit the column.

Orochem high performance CORAL Desalting spin columns, 96-well and 384-well desalting plates contains a proprietary size exclusion chromatography resin that provides excellent protein desalting performance with high protein recovery in a centrifuge format for 20 $\mu$ L - 4 mL samples. Samples containing as low as 20 $\mu$ g/mL of protein can be processed with  $\geq$  95% retention of salts and other small molecules (< 1000Da). The spin column method eliminates cumbersome column preparation or equilibration, allowing multiple-sample processing in <10 minutes. The plates are designed for high-throughput desalting applications. The resin is recommended for processing proteins and other molecules with molecular weight >7,000 Da.

## Highlights

### Easy - to - use

No cumbersome column preparation or equilibration

### Fast

No waiting for protein to emerge by gravity - flow

### High protein recovery

Low non-specific protein binding resin maximizes protein recovery



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**Ordering Information:** Please enquire for price.

Catalog No.	Description	Package Size
<b>OCPDSS005</b>	CORAL Spin Desalting Columns, 7K MWCO, 0.5mL Formulation: Polypropylene columns with proprietary resin Sufficient For: 25 samples, each 30 to 130µL	25
<b>OCPDSSC002</b>	CORAL Spin Desalting Columns, 7K MWCO, 2mL Formulation: Polypropylene columns with proprietary resin Sufficient For: 25 samples, each 200 to 700µL	25
<b>OCPDSSC05</b>	CORAL Spin Desalting Columns, 7K MWCO, 5mL Formulation: Polypropylene columns with proprietary resin Sufficient For: 25 samples, each 500 to 2000µL	25
<b>OCPDSSC10</b>	CORAL Spin Desalting Columns, 7K MWCO, 10mL Formulation: Polypropylene columns with proprietary resin Sufficient For: 25 samples, each 700µL to 4mL	25
<b>OCPDSSP96</b>	CORAL Spin Desalting Plates, 7K MWCO Formulation: Polypropylene high-profile 96-well filter plates containing 550µL resin; Polypropylene wash and collection plates Sufficient For: 2 x 96 samples, each 20 to 100µL	2
<b>OCPDSSP384</b>	CORAL 384-well Desalting Plate, 7K MWCO Formulation: Polypropylene high-profile 384-well filter plate with wash and collection plate. Sufficient for 384 samples, each 5 to 20µL	1