

Designed to Maximize Sample Prep Efficiency

Nanosep[®] Centrifugal Devices

Applications

- Concentrate, purify and desalt DNA, RNA and proteins
- Clean up labeling and PCR reactions
- Isolate Oligos, DNA and RNA from gel slices

Benefits

- Typical recoveries are >90%
- Simple reliable concentration and desalting of 50 μ L
- Available in low protein binding Omega[™], Bio-Inert[®]

**Buy 2
Packs of**
Nanosep Centrifugal
Devices,
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Concentration Selection Guide

Nanosep® Centrifugal Devices

Nanosep® concentration selection guides are meant to serve as a recommendation for concentrating protein samples. The total volume of liquid in the device determines the final retentate volume. By adding buffer under the device insert, you can set your dead stop volume and thereby select the concentration factor.

Nanosep Centrifugal Device

Concentration selection guide for Nanosep Centrifugal Devices

Concentration Factor (Fold)	Starting Sample Volume (µL)	Volume Added to Collection Tube (µL)	Final Retentate Volume (µL)
2	200	572	100
3	200	530	67
4	200	508	50
5	200	496	40
6	200	487	33
10	200	470	20
20	200	470	10
25	200	455	8

The above table shows what buffer volume should be added to the collection tube below the membrane to achieve desired concentration factors for the listed starting sample volume.

For instance, for the concentration of 200 µL starting material by ten-fold (see highlight in table), the buffer volume to be added to the collection tube would be 470 µL, leaving 20 µL of concentrated material in the retentate.

Ordering Information

Qualifying Nanosep Centrifugal Devices

Size	Pall Part No.	Packaging
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Promotion valid December 6, 2021 through December 31, 2022. Redeem for your FREE pack of Nanosep® Centrifugal Device by contacting your MIDSCI Sales Rep.

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