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NeoSpin 30KD -[®]Centrifugal Filters

Description

0.5mL Centrifugal Filter, With 2mL micro centrifuge tube, PES membrane, Non-sterile

Purpose

For the centrifugal concentration and purification of biological samples

Materials

Micro centrifuge tube: PP (Polypropylene)

Filter: MBS (Methyl methacrylate-Butadiene-Styrene)

Membrane: PES (Polyethersulfone)



Features

- Operating temperature range: 0°C - 40°C
- Available in multiple pore sizes with the following defined Molecular Weight Cut-Offs (MWCO): 5, 10, 30, 50 and 100 KD
- Maximum Sample Volume: 500 µL(Fixed angle)
- Maximum Centrifugal Force: Fixed angle rotor (10,000 x g)
- Final Concentrate Volume: 20 - 50 µL
- Fits centrifuges that accept standard 2 mL conical tubes
- Active membrane area: 0.65 cm²
- Provides high recoveries more than 80%
- The vertical design and available membrane surface area provide fast sample processing
- Features deadstop to prevent samples from spinning to dryness
- Manufactured in a class 100,000 room environment
- Manufactured under ISO13485 and ISO9001 quality management system






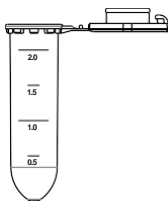
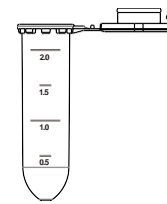
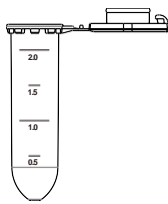
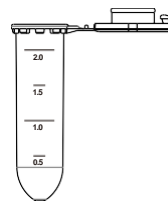
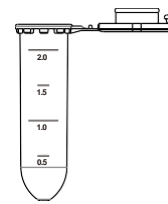
Dimensions (Unit: mm)

Filter device in tube

Length: 48.1 mm Diameter: 12.9 mm

Filter device

Length: 30 mm Diameter: 12.6 mm

5 KD	10 KD	30 KD	50 KD	100 KD
				
				

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The membrane is not compatible with the following

- Acetic Acid (≥ 25%)
- Acetonitrile (≥ 30%)
- Aliphatic & aromatic esters
- Amines
- Ammonium hydroxide (≥ 5%)
- Aromatic & chlorinated hydrocarbons
- Butyl acetate (≥ 40%)
- Dimethyl acetamide (DMAC) (≥ 30%)
- Ethers
- Hydrochloric acid (≥ 0.5 N at 50°C)
- Isopropyl Alcohol (≥ 25%)
- Ketone
- Methylene chloride (≥ 1%)
- Methyl ethyl ketone (≥ 1%)
- Phosphoric acid (≥ 1 N)
- Sodium deoxycholate (≥ 5%)
- Sodium hydroxide (≥ 0.5 N at 50°C)
- Sodium hypochlorite (≥ 0.04%)
- Tetrahydrofuran (≥ 5%)
- Toluene (≥ 1%)

Neospin™ Centrifugal Filters

Cat. No.	MWCO	Sterilization	Qty/Bag/Box	Qty/Case
NB-57-0011	5 KD	No	25	300
NB-57-0012	10 KD	No	25	300
NB-57-0013	30 KD	No	25	300
NB-57-0014	50 KD	No	25	300
NB-57-0015	100 KD	No	25	300