

## NeoSpin 30KD -<sup>®</sup>Centrifugal Filters

### Description

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

### Purpose

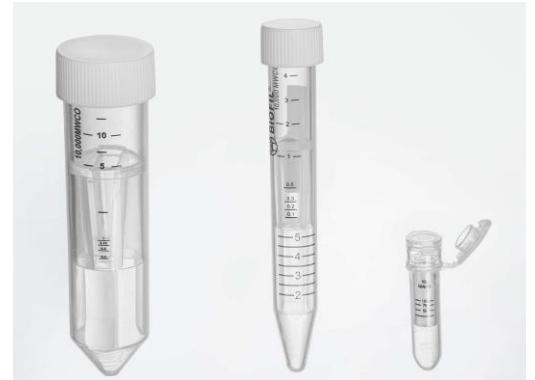
For the centrifugal concentration and purification of biological samples

### 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 cm<sup>2</sup>
- 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

**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
<b>NB-57-0011</b>	5 KD	No	25
<b>NB-57-0012</b>	10 KD	No	25
<b>NB-57-0013</b>	30 KD	No	25
<b>NB-57-0014</b>	50 KD	No	25
<b>NB-57-0015</b>	<b>100 KD</b>	<b>No</b>	<b>25</b>