

## NeoSpin™ Centrifugal Filters

#Cat: NB-57-0006	Size: 24pcs
#Cat: NB-57-0007	Size: 24pcs
#Cat: NB-57-0008	Size: 24pcs
#Cat: NB-57-0009	Size: 24pcs
#Cat: NB-57-0010	Size: 24pcs

### Description

5mL Centrifugal Filter, With 15mL conical tube, PES membrane, Non-sterile

### Purpose

For the centrifugal concentration and purification of biological samples

### Materials

Cap/Sealing gasket: PE (Polyethylene) Color : White

Centrifuge tube: PP (Polypropylene)

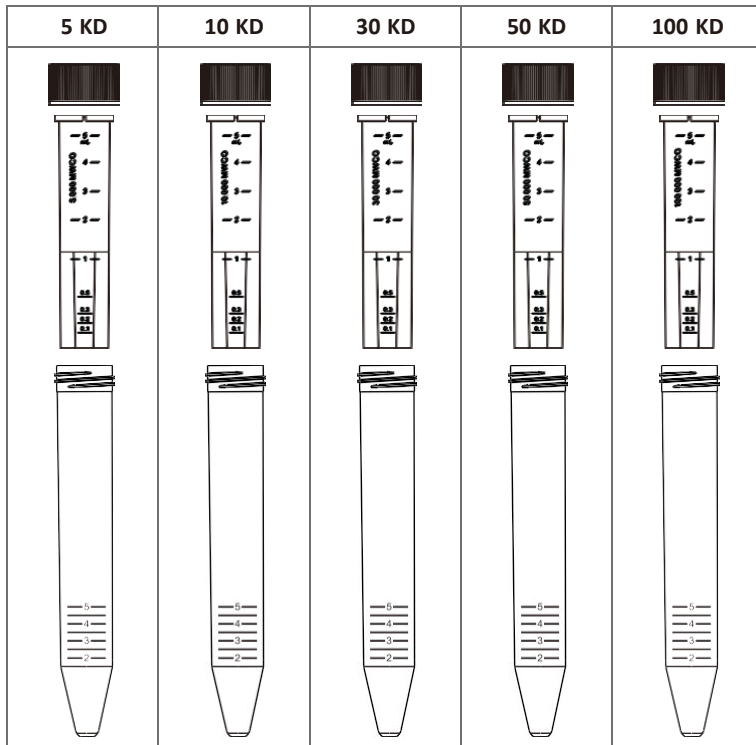
Filter: MBS (Methyl methacrylate-Butadiene-Styrene)

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: 5.0 mL (Swinging bucket), 4.0 mL (Fixed angle)
- Maximum Centrifugal Force: Swinging bucket rotor (4,000 x g), Fixed angle rotor (5,000 x g)
- Final Concentrate Volume: 40 - 100 µL
- Fits centrifuges that accept standard 15 mL conical tubes
- Active membrane area: 3.5 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 clean room environment
- The products are strictly controlled in accordance with ISO 13485 and ISO 9001 standards and undergo strict leak-proof and chemical compatibility tests to ensure quality.



Dimensions (Unit: mm)

Filter device in tube (capped)

Length: 123.4 mm Diameter: 22 mm Filter device

Length: 68 mm Diameter: 17.1

## The membrane is not compatible with the following

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

## NeoSpin™ Centrifugal Filters

Cat. No.	MWCO	Sterilization	Qty/Box	Qty/Case
NB-57-0006	5 KD	No	24	96
NB-57-0007	10 KD	No	24	96
NB-57-0008	30 KD	No	24	96
NB-57-0009	50 KD	No	24	96
NB-57-0010	100 KD	No	24	96

## NeoSpin™ Centrifugal Filters

#Cat: NB-57-0011	Size: 25pcs
#Cat: NB-57-0012	Size: 25pcs
#Cat: NB-57-0013	Size: 25pcs
#Cat: NB-57-0014	Size: 25pcs
#Cat: NB-57-0015	Size: 25pcs

### 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
- The products are strictly controlled in accordance with ISO 13485 and ISO 9001 standards and undergo strict leak-proof and chemical compatibility

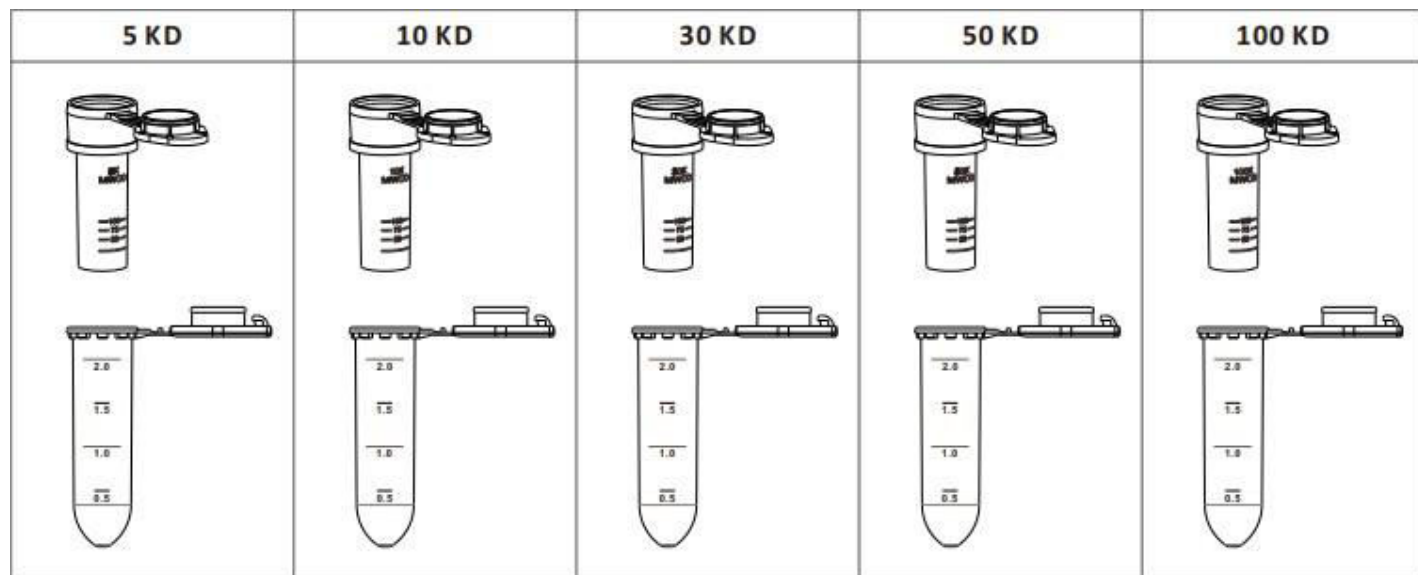
Dimensions (Unit: mm)

Filter device in tube

Length: 48.1 mm Diameter: 12.9 mm

Filter device

Length: 30 mm Diameter: 12.6 mm



## The membrane is not compatible with the following

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

## NeoSpin™ Centrifugal Filters

Cat. No.	MWCO	Sterilization	Qty/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

## NeoSpin™ Centrifugal Filters

#Cat: NB-57-0001-1	Size: 8pcs
#Cat: NB-57-0002-1	Size: 8pcs
#Cat: NB-57-0003-1	Size: 8pcs
#Cat: NB-57-0004-1	Size: 8pcs
#Cat: NB-57-0005-1	Size: 8pcs
#Cat: NB-57-0001-2	Size: 24pcs
#Cat: NB-57-0002-2	Size: 24pcs
#Cat: NB-57-0003-2	Size: 24pcs
#Cat: NB-57-0004-2	Size: 24pcs
#Cat: NB-57-0005-2	Size: 24pcs

### Description

15mL Centrifugal Filter, With 50mL conical tube, PES membrane, Non-sterile

### Purpose

For the centrifugal concentration and purification of biological samples

### Materials

Cap/Sealing gasket: PE (Polyethylene) Color: White

Centrifuge tube: PP (Polypropylene)

Filter: MBS (Methyl methacrylate-Butadiene-Styrene)

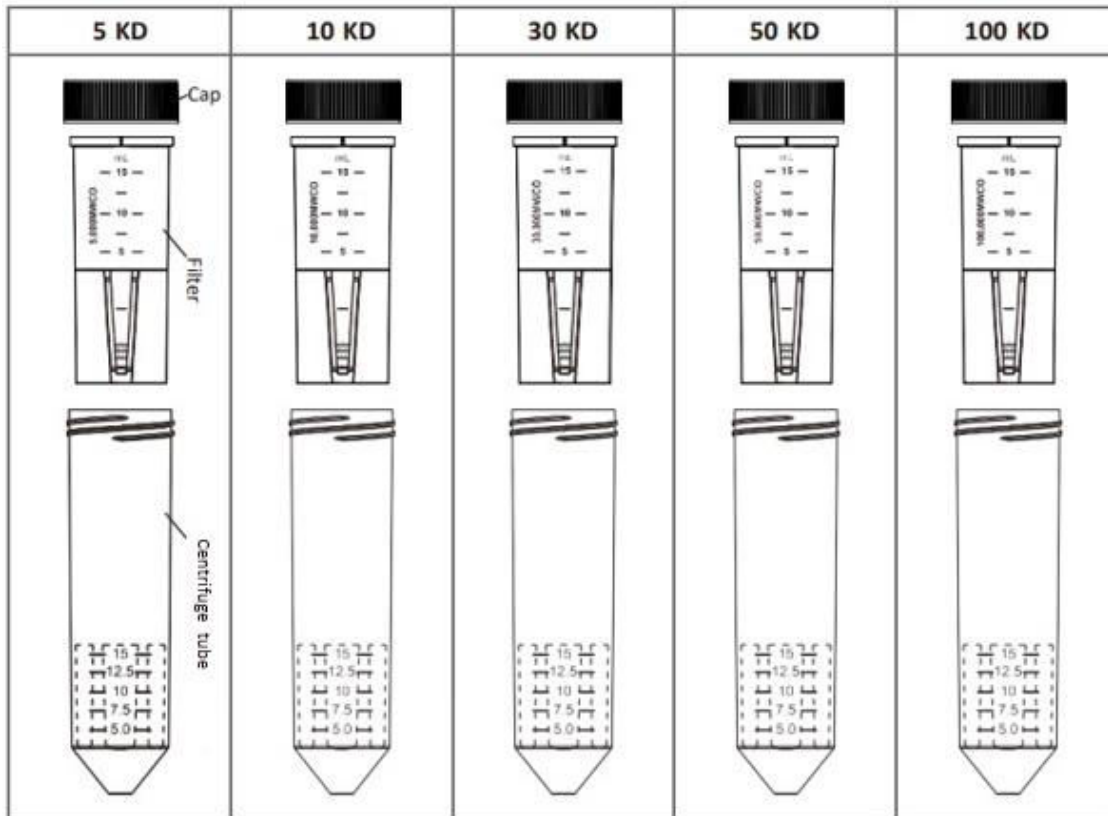
Membrane: PES (Polyethersulfone)



### 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: 15.0 mL (Swinging bucket), 12.0 mL (Fixed angle)
- Maximum Centrifugal Force: Swinging bucket rotor (3,000 x g), Fixed angle rotor (4,000 x g)
- Final Concentrate Volume: 200 µL
- Fits centrifuges that accept standard 50 mL conical tubes
- Active membrane area: 9.7 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

- The products are strictly controlled in accordance with ISO 13485 and ISO 9001 standards and undergo strict leak-proof and chemical compatibility



Dimensions (Unit: mm)  
 Filter device in tube (capped)  
 Length: 119.5 mm  
 Diameter: 33.7 mm  
 Filter device  
 Length: 72.5 mm  
 Diameter: 29.3 mm

## The membrane is not compatible with the following

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

## NeoSpin™ Centrifugal Filters

Cat. No.	MWCO	Sterilization	Qty/Box	Qty/Case
NB-57-0001-1	5 KD	No	8	96
NB-57-0002-1	10 KD	No	8	96
NB-57-0003-1	30 KD	No	8	96
NB-57-0004-1	50 KD	No	8	96
NB-57-0005-1	100 KD	No	8	96
NB-57-0001-2	5 KD	No	24	96
NB-57-0002-2	10 KD	No	24	96
NB-57-0003-2	30 KD	No	24	96
NB-57-0004-2	50 KD	No	24	96
NB-57-0005-2	100 KD	No	24	96