

NeoSpin 100KD - Centrifugal Filters (Max sample volume 5 ml)

Description

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

Purpose

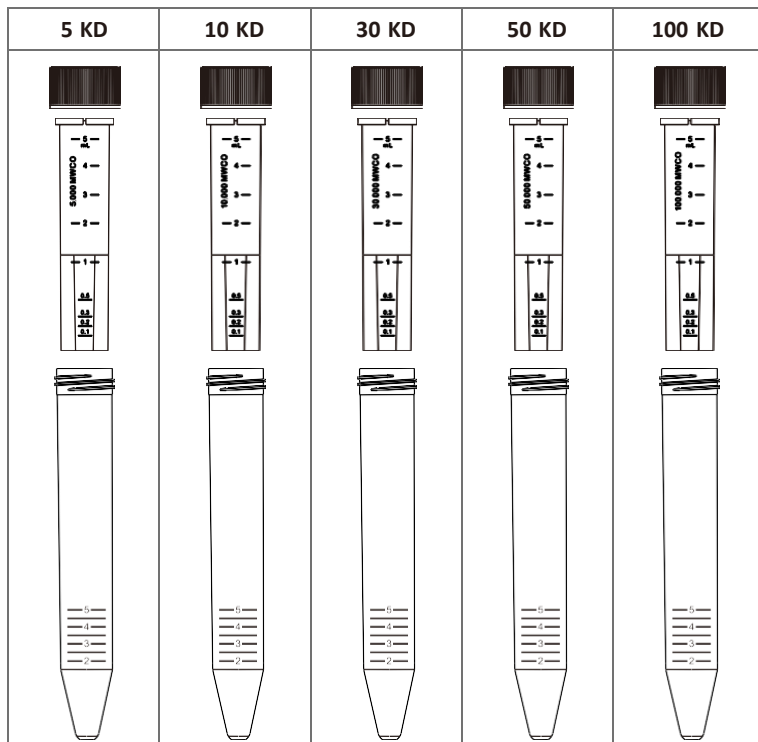
For the centrifugal concentration and purification of biological samples

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 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 clean room environment
- Manufactured under ISO13485 and ISO9001 quality management system



Dimensions (Unit: mm)

Filter device in tube (capped)

Length: 123.4 mm Diameter: 22 mm

Filter device

Length: 68 mm Diameter: 17.1 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 (≥ 0.5 N at 50°C)
- Isopropyl Alcohol ($\geq 25\%$)
- Ketone
- Methylene chloride ($\geq 1\%$)
- Methyl ethyl ketone ($\geq 1\%$)
- Phosphoric acid (≥ 1 N)
- Sodium deoxycholate ($\geq 5\%$)
- Sodium hydroxide (≥ 0.5 N at 50°C)
- Sodium hypochlorite ($\geq 0.04\%$)
- Tetrahydrofuran ($\geq 5\%$)
- Toluene ($\geq 1\%$)

NeoSpin 100KD - Centrifugal Filters (Max sample volume 5 ml)

Cat. No.	MW CO	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 100KD - Centrifugal Filters (Max sample volume 0.5 ml)

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

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 (≥ 0.5 N at 50°C)
- Isopropyl Alcohol ($\geq 25\%$)
- Ketone
- Methylene chloride ($\geq 1\%$)
- Methyl ethyl ketone ($\geq 1\%$)
- Phosphoric acid (≥ 1 N)
- Sodium deoxycholate ($\geq 5\%$)
- Sodium hydroxide (≥ 0.5 N at 50°C)
- Sodium hypochlorite ($\geq 0.04\%$)
- Tetrahydrofuran ($\geq 5\%$)
- Toluene ($\geq 1\%$)

NeoSpin 100KD - Centrifugal Filters (Max sample volume 15 ml)

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)

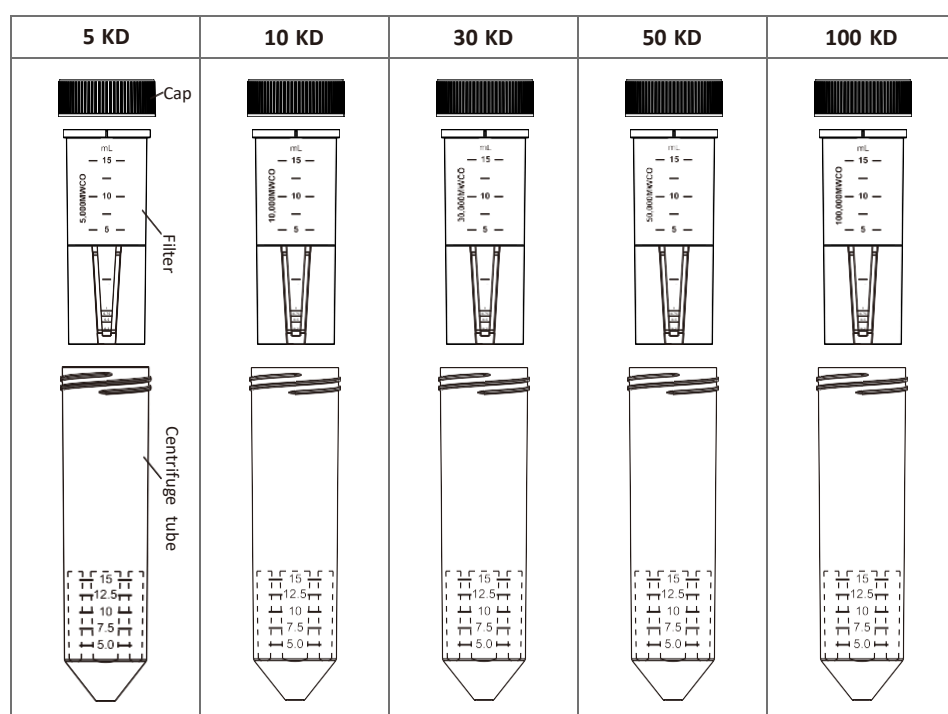
Filter: MBS (Methyl methacrylate-Butadiene-Styrene)

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 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 (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 (≥ 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 100KD - Centrifugal Filters (Max sample volume 15 ml)

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-57-0003-2	30 KD	No	24	96
NB-57-0004-2	50 KD	No	24	96
NB-57-0005-2	100 KD	No	24	96