

Centrifugal Filters

Description

Centrifugal Filters, 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)

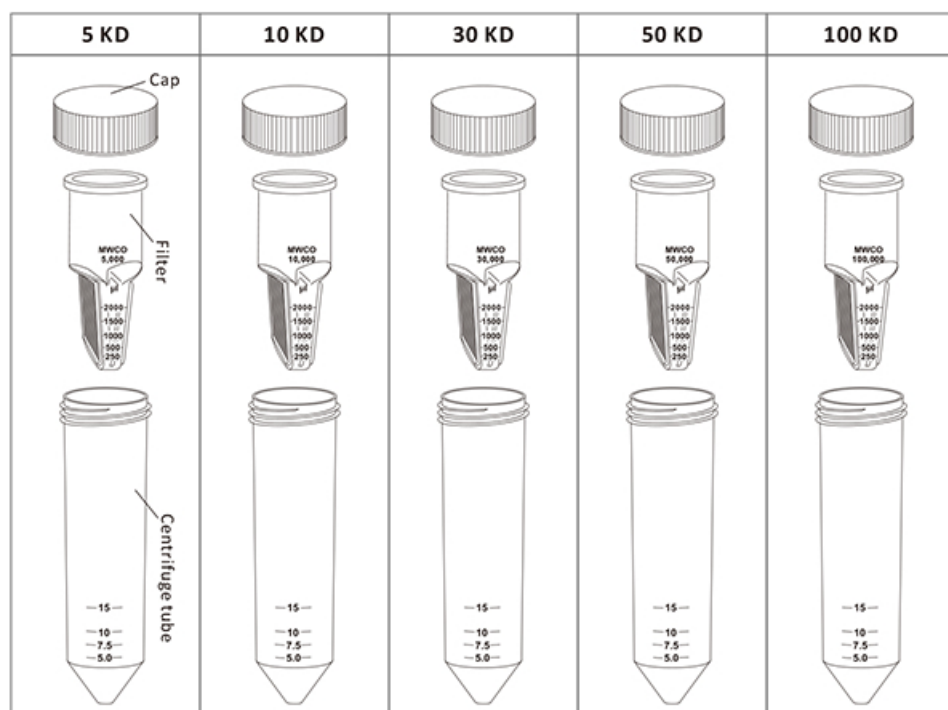
Filter: Filter tube (MBS/Methyl methacrylate-Butadiene-Styrene)

Filter slice (PE/Polyethylene)

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: 12.0 mL (Swinging bucket), 10.0 mL (Fixed angle rotor)
- Final Concentrate Volume: 200 µL
- Fits centrifuges that accept standard 50 mL conical tubes
- Maximum Centrifugal Force: Swinging bucket rotor (4,000 x g), Fixed angle rotor (5,000 x g)
- Active membrane area: 5.48 cm²
- Provides high recoveries more than 90%
- 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 mm Diameter: 34.5 mm

Filter device

Length: 72 mm Diameter: 29.5 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%)

Centrifugal Filters

Cat. No.	MWCO	Sterilization	Qty/Box	Qty/Case
FTT105500	5 KD	No	8	96
FTT205500	5 KD	No	24	96
FTT110500	10 KD	No	8	96
FTT210500	10 KD	No	24	96
FTT130500	30 KD	No	8	96
FTT230500	30 KD	No	24	96
FTT150500	50 KD	No	8	96
FTT250500	50 KD	No	24	96
FTT100500	100 KD	No	8	96
FTT200500	100 KD	No	24	96

Centrifugal Filters

Description

Centrifugal Filters, 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)







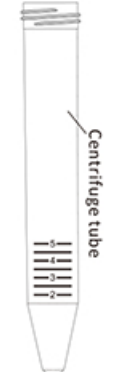





Filter: MBS (Methyl methacrylate-Butadiene-Styrene)

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): 3, 5, 10, 30, 50 and 100 KD
- Maximum Sample Volume: 5.0 mL
- Final Concentrate Volume: 40 - 100 µL
- Fits centrifuges that accept standard 15 mL conical tubes
- Maximum Centrifugal Force: Swinging bucket rotor (3,000 x g), Fixed angle rotor (7,500 x g for 3, 5, 10 KD; 5,000 x g for 30, 50, 100 KD)
- Active membrane area: 3.5 cm²
- Provides high recoveries more than 90%
- 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



3 KD	5 KD	10 KD	30 KD	50 KD	100 KD
					
					

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 (≥ 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%)

Centrifugal Filters

Cat. No.	MWCO	Sterilization	Qty/Box	Qty/Case
FTT103150	3 KD	No	24	96
FTT105150	5 KD	No	24	96
FTT110150	10 KD	No	24	96
FTT130150	30 KD	No	24	96
FTT150150	50 KD	No	24	96
FTT100150	100 KD	No	24	96

Centrifugal Filters

Description

Centrifugal Filters, With 2.0mL 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): 3, 5, 10, 30, 50 and 100 KD
- Maximum Sample Volume: 500 µL
- Final Concentrate Volume: 20 - 50 µL
- Fits centrifuges that accept standard 2.0 mL conical tubes
- Maximum Centrifugal Force: Fixed angle rotor (7,500 x g)
- Active membrane area: 0.65 cm²
- Provides high recoveries more than 90%
- 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

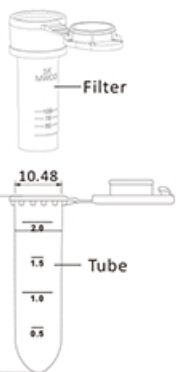





Dimensions (Unit: mm)

Filter device in tube

Length: 48.1 mm Diameter: 12.9 mm

Filter device

Length: 30 mm Diameter: 12.6 mm

3 KD	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%)

Centrifugal Filters

Cat. No.	MWCO	Sterilization	Qty/Bag/Box	Qty/Case
FTT103105	3 KD	No	25	250
FTT105105	5 KD	No	25	250
FTT110105	10 KD	No	25	250
FTT130105	30 KD	No	25	250
FTT150105	50 KD	No	25	250
FTT100105	100 KD	No	25	250