

Application example	Vessel Type	Used materials	max. g-force	Special need in centrifuges
PCR	Single tubes and 8-tube strips	PP	10,000xg	Adapters for the single tubes and 8-tube strips
	96-well PCR plates	PP PC	4,000xg	Plate adapter and swing-out rotor
Cell biology	Cell culture plates (6 to 96 wells)	PS	2,500xg	Plate adapter and swing-out rotor
	Cell culture flask	PC	2,250xg	Swing-out rotor and specific adapter
	Conical tubes (15 and 50mL)	PP	19,500xg	Adapter for conical tubes
Molecular biology (e.g., Nucleic acid/ Protein extraction and purification)	Microtest tube (0.5, 1.5, 2.0mL)	PP	30,000xg	–
	5.0 mL tubes	PP	25,000xg	Specific adapter
	Filter plates 96 wells	varying	1,000xg	Plate adapter and swing-out rotor
	Deep-well plates (96 to 384 wells)	PP	6,000xg	
	Microtestplates (96 to 384 wells)	PP	6,000xg	
Pelleting yeast/ bacterial cultures	High speed centrifugation vessels (SS34)	PA	108,000xg	Large benchtop centrifuge or floor-standing centrifuge
	250mL conical vessel	PP	6,000xg	
	250-1,000mL flat bottom vessels	PP	14,000xg	
Increase concentration of macromolecules (e.g., proteins)	Vessel for ultrafiltration	varying	3,000 –4,000xg	Adapter for conical tubes
Downspinning	Cryo vials	PP	17,000xg	Fixed-angle rotor
	HPLC vials	Glass	3,500xg	
Blood diagnostics	Blood sample tubes: “Monovettes”; “Vacutainers”	PP	1,8500 – 3,300xg	Swing-out rotor

Application example	Vessel Type	Used materials	max. g-force	Special need in centrifuges
PCR	Single tubes and 8-tube strips	PP	10,000xg	Adapters for the single tubes and 8-tube strips
	96-well PCR plates	PP PC	4,000xg	Plate adapter and swing-out rotor
Cell biology	Cell culture plates (6 to 96 wells)	PS	2,500xg	Plate adapter and swing-out rotor
	Cell culture flask	PC	2,250xg	Swing-out rotor and specific adapter
	Conical tubes (15 and 50mL)	PP	19,500xg	Adapter for conical tubes
Molecular biology (e.g., Nucleic acid/ Protein extraction and purification)	Microtest tube (0.5, 1.5, 2.0mL)	PP	30,000xg	–
	5.0 mL tubes	PP	25,000xg	Specific adapter
	Filter plates 96 wells	varying	1,000xg	Plate adapter and swing-out rotor
	Deep-well plates (96 to 384 wells)	PP	6,000xg	
	Microtestplates (96 to 384 wells)	PP	6,000xg	
Pelleting yeast/ bacterial cultures	High speed centrifugation vessels (SS34)	PA	108,000xg	Large benchtop centrifuge or floor-standing centrifuge
	250mL conical vessel	PP	6,000xg	
	250-1,000mL flat bottom vessels	PP	14,000xg	
Increase concentration of macromolecules (e.g., proteins)	Vessel for ultrafiltration	varying	3,000 –4,000xg	Adapter for conical tubes
Downspinning	Cryo vials	PP	17,000xg	Fixed-angle rotor
	HPLC vials	Glass	3,500xg	
Blood diagnostics	Blood sample tubes: "Monovettes"; "Vacutainers"	PP	1,8500 – 3,300xg	Swing-out rotor

Distributed by Fisher Scientific. Contact us today:

Austria: fishersci.at Belgium: fishersci.be Denmark: fishersci.dk
Germany: fishersci.de Ireland: fishersci.ie Italy: fishersci.it
Finland: fishersci.fi France: fishersci.fr Netherlands: fishersci.nl
Norway: fishersci.no Portugal: fishersci.pt Spain: fishersci.es
Sweden: fishersci.se Switzerland: fishersci.ch UK: fishersci.co.uk

© 2022 Thermo Fisher Scientific Inc. All rights reserved.

Trademarks used are owned as indicated at fishersci.com/trademarks.

