

ProtectR® 15ml and 50ml CO₂ Resistant Centrifuge Tubes

ProtectR® Tube is the only container closure system engineered to be CO₂ resistant and prevent costly damage to molecular and cellular solutions when shipping or storing samples on dry ice.



Prevent Acidification of Your Samples

Made of durable, high quality materials and fitted with an air-tight cap, ProtectR Tubes form a protective barrier, impermeable to CO₂, keeping the sample pH stable and preventing acidification.

IATA 95kPa Certified for Air Shipment

ProtectR tubes are IATA 95kPa certified for packaging and air transport of biological samples and meet the UN1845 requirements for shipment on dry ice.

The 95kPa certification requires containers to withstand, without leakage, an internal pressure producing a pressure differential of not less than 95kPa between the temperatures of -40C to +55C.

Since air transportation is typically the most rigorous transport condition, containers that meet IATA regulations are also suitable for other transport methods.

Specifications

- Volume: Both 15ml and 50ml Tubes available
- Temperature Range: -80C to 110C
- Centrifuge: to 12,500g
- Sterility: Both Sterile and Non-Sterile formats available
- Autoclave: 122C at 15PSI
- Regulatory: CE IVD marked and CFR 21 USFDA Compliant
- Lot Certification: ATP, RNase, DNase, DNA, Endotoxin, Pyrogen free. Also low in trace metals
- Transportation: IATA 95kPa certified
- IntegraPack: 10 packs of 10 tubes (supplied in 2 sleeves of 5 packs)



ProtectR® 15ml and 50 ml Centrifuge Tubes

Catalogue Number	Description	Centrifuge Rating/RCF (g)	Pack Size
CT5015	15ml ProtectR Centrifuge Tube, Non Sterile	12,500	2 x 5 x 10
CT5015S	15ml ProtectR Centrifuge Tube, Sterile	12,500	2 x 5 x 10
CT5050	50ml ProtectR Centrifuge Tube, Non Sterile	12,500	2 x 5 x 10
CT5050S	50ml ProtectR Centrifuge Tube, Sterile	12,500	2 x 5 x 10

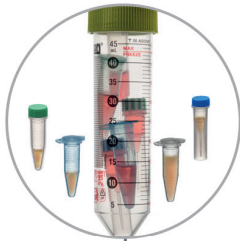
ProtectR® Tubes Special Features



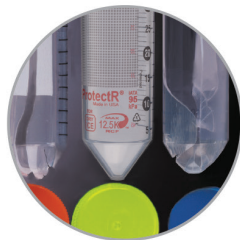
Airtight, leak-resistant caps prohibit CO₂ from entering the tube's headspace



Patented, extra large, smudge-resistant writing panel



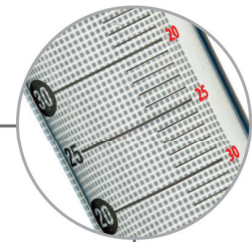
Ideal vessel for primary & secondary containment when shipping on dry ice
(if used in accordance with UN3373 regulations and packaging instruction P650)



Thick, medical grade resin withstands breakage when frozen. Samples in ProtectR® Tubes should be frozen prior to dry ice exposure



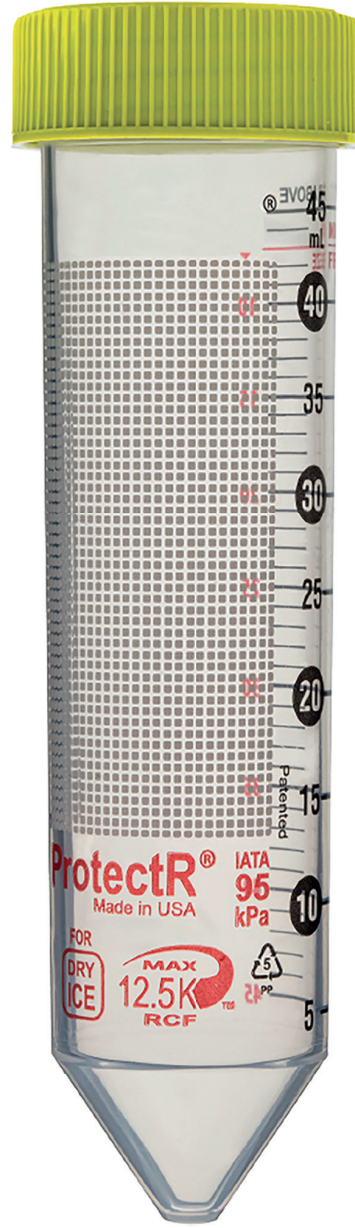
Max Freeze Indicator



Easy-to-read graduations & reverse scale



IATA 95 kPa certification for shipping



ProtectR® Tube Quality & Compliance

