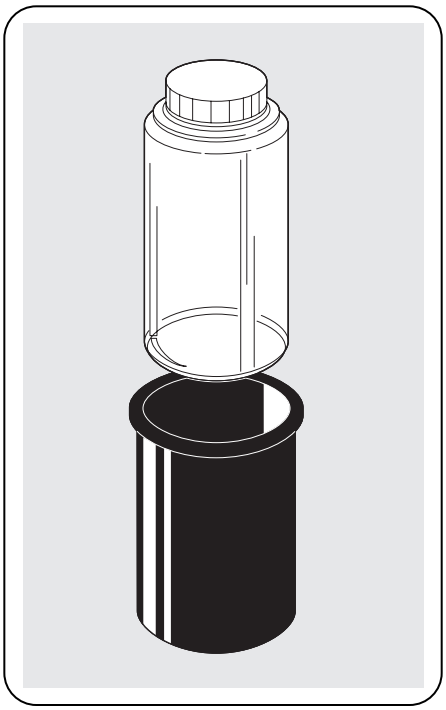
Litpak 343264
J6-TB-018F
October 2005

LITER-CAPACITY BOTTLES

Used with Swinging Bucket Rotors in J6 Series Centrifuges and the Avanti® J-HC Centrifuge



Beckman Coulter one-liter bottles, made of either polycarbonate (hard and clear) or of polypropylene (translucent), are designed for many uses. A plastic sleeve must be used around each bottle during centrifugation in Beckman Coulter J6 rotors to prevent the bottles from stretching or breaking. In other rotors, if the bottles fit snugly in the buckets, sleeves are not required.

Mild detergents, such as Solution 555™, Zephrain Chloride,[1] or Haemo-Sol,[2] should be used to wash bottles. Do not wash polycarbonate bottles in a dishwasher. Do not centrifuge any bottles that are cracked or badly deformed. If you wish to centrifuge the bottles at temperatures much higher than room temperature, test a pair of bottles first under operating conditions.

The bottles and their polypropylene caps may be autoclaved (with the cap off) at 121°C for about 20 minutes. However, the usable lifetime of polycarbonate bottles will be reduced with autoclaving. Bottles, caps, and sleeves may be immersed in 10% hydrogen peroxide for 30 minutes, or wiped with 70% ethanol.[3] Do not autoclave bottle sleeves.

Fill and cap the bottles, weigh them, then place them into the sleeves. To load the bottles, install the rotor and rotor buckets into the centrifuge, then carefully lower the bottles and sleeves into the buckets.

Refer to the applicable instrument manual for operating instructions and to *Rotors and Tubes for J Series Centrifuges* (publication JR-IM) for information on the use and care of rotors and accessories.

SUPPLY LIST

Polycarbonate bottle, one-liter	355675
Polypropylene bottle, one-liter	355676
Bottle sleeve, plastic	356096
Solution 555 (1 qt)	339555

[1] Benzalkonium chloride, a registered trademark of Winthrop Laboratories, Sterling Drug Co.
[2] A registered trademark of Haemo-Sol, Inc.
[3] Flammability hazard. Do not use in or near an operating centrifuge.