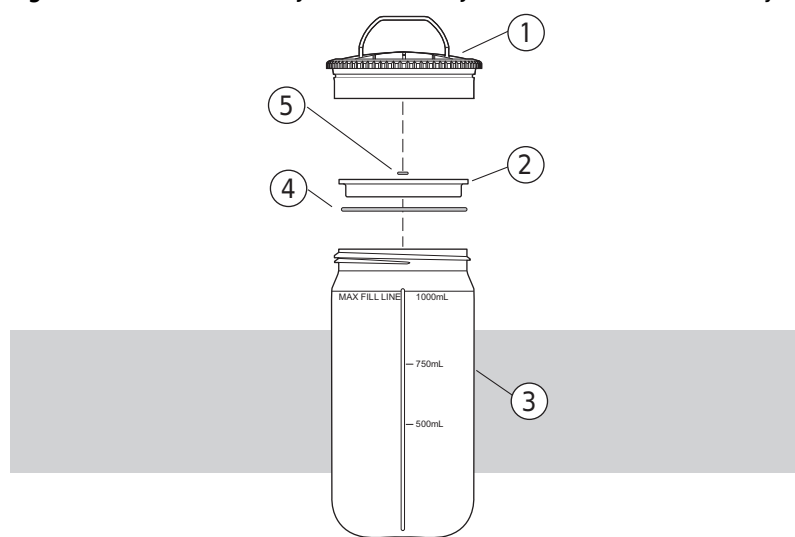


JLA-8.1000 and JLA-9.1000 Rotor Labware Assembly Insert

Polypropylene Bottle Assembly C31597
Polycarbonate Bottle Assembly C31600

Figure 1 Beckman Coulter JLA-8.1000 and JLA-9.1000 Labware Assembly



- | | |
|--------------------|--------------------------|
| 1. Cap/Closure | 4. Large Plug O-ring |
| 2. Autovent Plug | 5. Small Autovent O-ring |
| 3. Bottle, 1000 mL | |

Please Read Before Use

Contents

This package contains labware containing polypropylene bottle assemblies (C31597) or polycarbonate bottle assemblies (C31600). Assembly contents are listed below.

Polypropylene bottle assembly with polyphenylene sulfide (PPS) cap/closure and Autovent plug assemblies, set of two (C31597) includes:

1000-mL polypropylene bottles, set of two
Cap/closure (PPS) and Autovent plug (PEI) ^{a,b} assemblies, set of two
Two small Autovent O-rings
Two large plug O-rings

- a. NOTE: Autovent plug assemblies are shipped with one of each O-ring installed, in addition to included O-rings.
b. NOTE: Use a wrench to tighten the 1L bottle.

Polycarbonate bottle assembly with polyphenylene sulfide (PPS) cap/closure and Autovent plug (PEI), set of two (C31600) includes:

1000-mL polycarbonate bottles, set of two
Cap/closure (PPS) and Autovent plug (PEI) ^{a,b} assemblies, set of two
Two small Autovent O-rings
Two large plug O-rings

- a. NOTE: Autovent plug assemblies are shipped with one of each O-ring installed, in addition to included O-rings.
b. NOTE: Use a wrench to tighten the 1L bottle.

Inspection and Usage

The bottles and associated labware contained in this package are designed for use only in the Beckman Coulter JLA-8.1000 and JLA-9.1000 rotors. This labware is different from labware previously manufactured by Beckman Coulter, and requires special inspection and handling procedures. Please read and follow the instructions below. For additional information on the safe use of the rotors, read *J-Lite JLA-8.1000 and JLA-9-1000 Fixed Angle Rotor Assemblies Instructions For Use* (J-TB-073).

NOTE Before each use, inspect each bottle, cap/closure, and plug for cracks or damage. *Do not use damaged components.*

NOTE Do not fill above the maximum fill line marked on the bottle. Minimum fill volume for these bottles is 500 mL.

- 1 Inspect all parts as described in *Loading the 1000-mL Bottle and Labware Assemblies* in publication J-TB-073.
- 2 Place an empty bottle in the bottle gripper.
- 3 Fill the bottle.

- 4 Place a plug on the bottle.
- 5 Place a cap/closure over the plug.
- 6 Tighten the cap/closure by hand. If a torque of 60 in*lbs cannot be met, a wrench (PN C24141) provides additional leverage for tightening and loosening the cap.
- 7 Remove the bottle from the bottle grip, load it into a canister, and then into the rotor. When loading the bottle assembly into the rotor, always orient the fill line indicator on the side of the bottle at 90 degrees relative to the axis of rotation.

Below are rated operating conditions for PP and PC bottle assemblies to ensure safe operation.

	JLA-8.1000 Rotor	JLA-9.1000 Rotor
Maximum Speed	8000 rpm	9000 rpm
Maximum Temperature	38°C	38°C
Minimum Temperature	4°C	4°C
Cap Closure Torque (Minimum)	60 in-lbs	60 in-lbs
Minimum Fill Level	500 mL	500 mL
Maximum Fill Level	1000 mL	1000 mL
Maximum filled bottle assembly weight (including bottle, plug, cap/closure, and sample)	1500 Grams	1500 Grams

- *O-ring integrity is key to successful function of the plug.* Before each use, inspect all O-rings to make sure that they are in good condition, dry, and unlubricated. Replace them if they are damaged, torn, or dirty. Extra O-rings of each type are included in this kit, and additional O-rings can be ordered from Beckman Coulter.
- The useful service life of plastic bottles, plugs, and caps has been tested to 100 hours, but will largely depend on handling and usage. Usage includes but is not limited to: Run, duration, speed settings, temperature settings, cleaning and sterilization methods, and chemicals used. Bottle assembly components that show signs of visible wear, damage, stress, or deformation should be replaced. *Do not use damaged components.*
- The manufacturing process can cause small cosmetic flaws on polycarbonate and polypropylene bottles. These flaws, which may appear as irregular or scraped surface areas, are cosmetic only. They do not affect the function nor shorten the life of the bottle.

Replacement Labware

Bottles, 1000 mL polypropylene, set of two	A98814
Bottles, 1000 mL polypropylene, set of twelve	B29048
Bottles, 1000 mL polycarbonate, set of two	366751
Polyphenylene sulfide (PPS) cap/closure replacement assembly, set of six	C31603
Autovent plug (PEI), set of two, includes: Two Autovent plug assemblies ^a Two large plug O-rings Two small Autovent plug O-rings	C31604
Autovent plug replacement O-rings, set of six, includes: Six large plug O-rings Six small Autovent plug O-rings	B10320
Cap/Closure and Plug assemblies, set of two, includes: Two Autovent plug assemblies (PEI) ^a Two Cap/Closure assemblies (PPS) Two large Plug O-Rings Two small Autovent O-Rings	C31602
Tool kit, includes: One bottle grip (366763) One wrench (367309)	366770
1000 mL Bottle Torque Took Kit includes: 1000 mL Torque Adapter (C57316) 1000 mL Bottle Torque Tool Adapter (C57475)	C57474
Spatula (for removing pellet from bottle)	363646

a. NOTE: Plug assemblies are shipped with one of each O-ring installed in addition to included O-rings.

Revision History

Revision AC

Updates were made to the following:

- [Contents](#)
- [Inspection and Usage](#)



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Glossary of Symbols is available at beckman.com/techdocs (PN C24689).

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