

**Terumo Blood and Cell Technologies Blood Bag Systems**  
Reliable blood bag performance for flexibility  
in blood component production



## The blood bags you need with the features you want for collection and processing.

### Features

1. Biocompatible materials: Materials used in our blood bag systems are designed to optimize blood preservation.



2. Ultra-thinwall needle: 16 gauge ultra-thinwall stainless steel needle for donor comfort. The needle is provided with a tamper-evident needle protector.



3. Needle injury protector: Design protects staff from needlesticks.



4. Sampling system: Blood bags are available with sampling configurations to support collection of donor blood samples. Bag systems with a pre-attached sampling bag also reduce the risk of bacterial contamination of blood products due to bacteria from the skin.



5. Tubes: Minimal memory tubes have a unique sequence of numbers for identification and traceability. Compatible with Terumo Blood and Cell Technologies sterile connection devices.



6. CLIKTIP Frangible Connector: Easy breakaway valve makes an audible click when broken. The valve has a large inner diameter to support smooth extraction and fast transfer of components or additive solution. Helps reduce the loss of blood components during separation and avoid mixing of low-layer components. The CLIKTIP connector in the donor line prevents the initial, contaminated volume of donor blood from entering the donor line or mixing with the anticoagulant.



7. High weld strength: Strong one-piece welds at the top and bottom maximize bag integrity. The streamlined inner contours facilitate smooth fluid flow during collection as well as component separation.



8. Outlet port with tear-off tab: Long inner tube in the neck helps create strong and safe connections, while the diaphragm is positioned to enable connection with most available spikes. The port also provides visual assurance of seal integrity.



9. Label: Special adhesive makes the label difficult to remove. A security cut makes it tamper-proof, and it is tamper-evident in compliance with ISO 3826. The label is easy to write on and includes an ISBT barcode and pharmacopeia reference.



10. Reinforced hanger: Design allows the bag to hang from an IV pole during blood transfusion and blood collection.



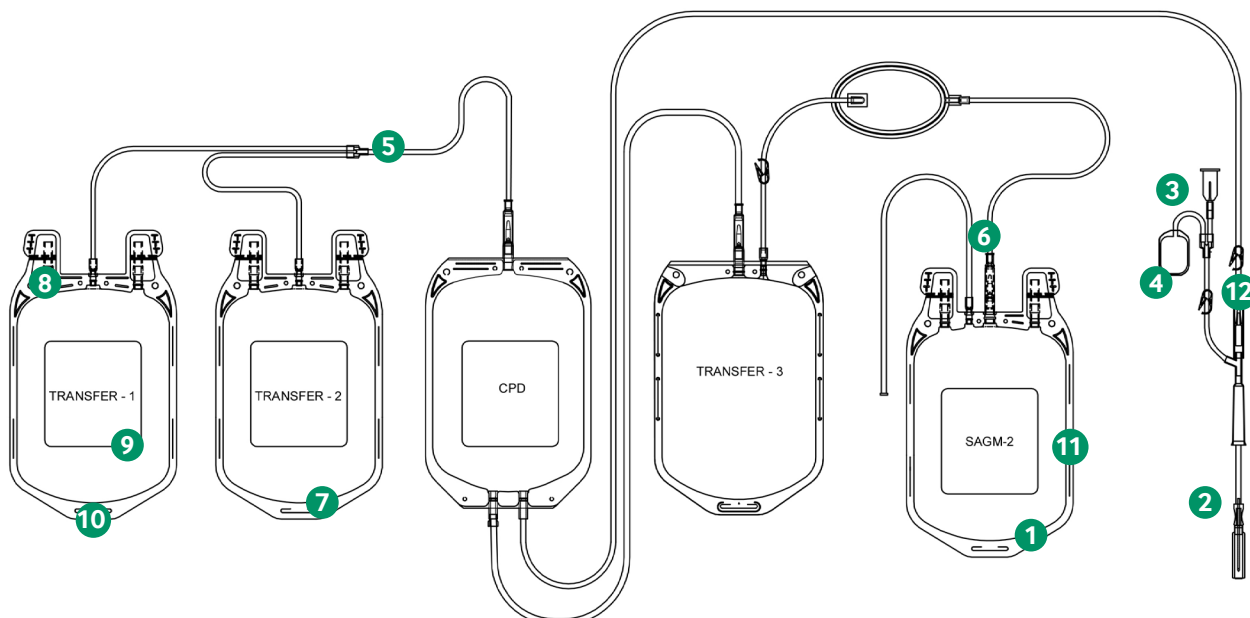
11. Side slit for pilot tube: Side slit allows operators to insert a pilot tube for examination.



12. Clamps: Donor tube and sample line clamps are in different colors to eliminate confusion.

13. Sterilization: Blood bags are terminally sterilized in the primary packaging using moist heat. The process is validated to comply with ISO 17665-1.

14. Foil packaging (not shown): Blood bags are packaged in foil to protect them from light and prevent evaporation of additive solutions, providing a shelf life of two years. The oxygen absorber in the foil packaging regulates the oxygen level to the desired limit to reduce the chances of bacterial contamination. A GS1 (GTIN) barcode on the foil packaging and shipping carton meets MOH guidelines.







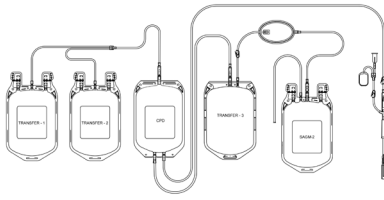
## Blood Bag Configurations

### Composition of Solutions

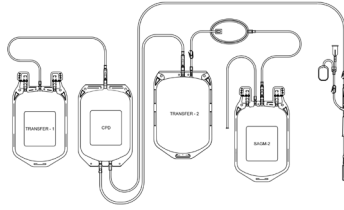
	Ingredients	g/100 mL
CPDA	Citric acid monohydrate equivalent to citric acid anhydrous IP	0.299
	Sodium citrate dihydrate IP	2.630
	Sodium dihydrogen phosphate dihydrate IP	0.251
	Dextrose anhydrous equivalent to dextrose monohydrate IP	3.190
	Adenine IP	0.0275
	Water for injection IP	qs
CPD	Citric acid monohydrate IP	0.327
	Sodium citrate dihydrate IP	2.630
	Sodium dihydrogen phosphate dihydrate IP	0.251
	Dextrose anhydrous equivalent to dextrose monohydrate IP	2.550
	Water for injection IP	qs
SAGM-2	Sodium chloride IP	0.877
	Adenine IP	0.030
	Dextrose anhydrous equivalent to dextrose monohydrate IP	0.900
	Mannitol IP	0.525
	Water for injection IP	qs

**Various Types of Blood Bag Systems Are Available**

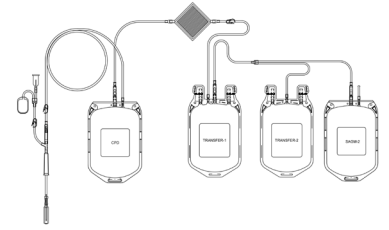
**Blood Bag CPD SAGM-2 TAB CRC Filter Inline 5-Bag System**



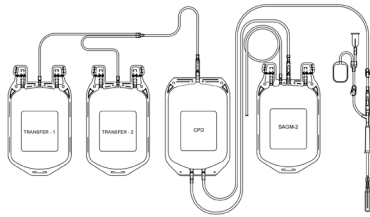
**Blood Bag CPD SAGM-2 TAB CRC Filter Inline 4-Bag System**



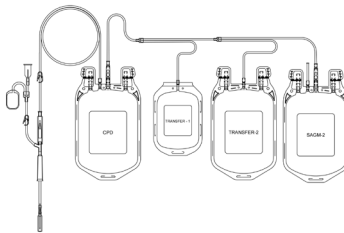
**Blood Bag CPD SAGM-2 Inline Whole Blood Filter**



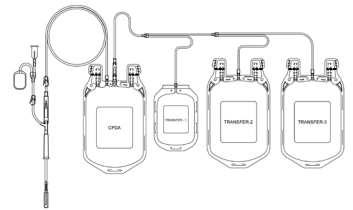
**Blood Bag CPD SAGM-2 TAB Quadruple Bag**



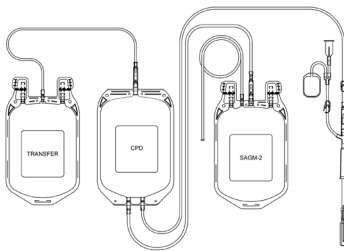
**Blood Bag CPD SAGM-2 Quadruple Bag Buffy**



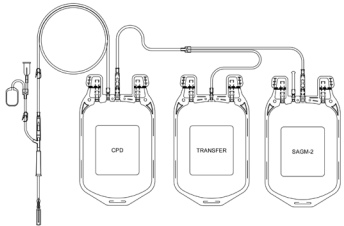
**Blood Bag CPDA Quadruple Bag Buffy**



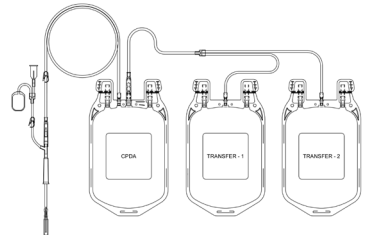
**Blood Bag CPD SAGM-2 TAB Triple Bag**



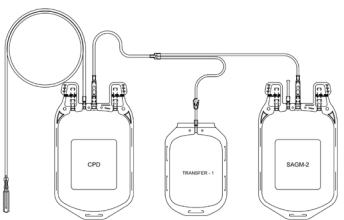
**Blood Bag CPD SAGM-2 Triple Bag**



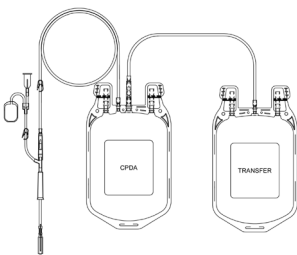
**Blood Bag CPDA Triple Bag**



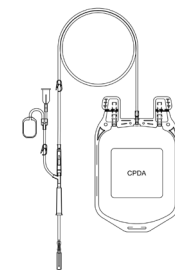
**Blood Bag CPD SAGM-2 Triple Bag (for 2 components)**



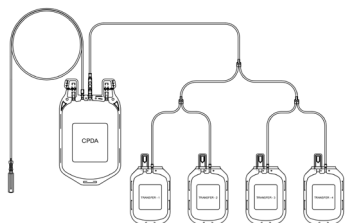
**Blood Bag CPDA Double Bag**



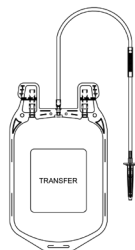
**Blood Bag CPDA Single Bag**



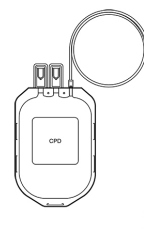
**Blood Bag CPDA Penta Bag**



**Blood Bag Transfer Single Bag**



**Blood Bag CPD Single Bag (Cord Blood Bag)**



CRC: concentrated red blood cell; TAB: top-and-bottom.

## Specifications

Catalog No.	Description	Qty Per Foil Package	Qty Per Carton
PB-1PD156J8S	Blood Bag CPD 150 mL Single Bag (Cord Blood Bag) With Single Packing	1 bag	50 foils/box
PB-1PD156J5S	Blood Bag CPD 150 mL Single Bag (Cord Blood Bag) With NIP Single Packing	1 bag	50 foils/box
PB-1PD256J8S	Blood Bag CPD 250 mL Single Bag (Cord Blood Bag) With Single Packing	1 bag	50 foils/box
PB-1TR101J8B	Blood Bag Transfer 100 mL Single Bag	10 bags	10 foils/box
PB-1TR301J8Y	Blood Bag Transfer 300 mL Single Bag	10 bags	10 foils/box
PB-1TR451J8Y	Blood Bag Transfer 450 mL Single Bag	10 bags	10 foils/box
PB-5CD456J8Y	Blood Bag CPDA 450 mL Penta Bag	3 bags	12 foils/box
PB-1CD106J8B	Blood Bag CPDA 100 mL Single Bag	10 bags	10 foils/box
PB-1CD356J8Y	Blood Bag CPDA 350 mL Single Bag	10 bags	10 foils/box
PB-1CD356J0Y	Blood Bag CPDA 350 mL Single Bag With NIP LAH DIV Bag	8 bags	6 foils/box
PB-1CD456J8Y	Blood Bag CPDA 450 mL Single Bag	10 bags	8 foils/box
PB-2CD356J8Y	Blood Bag CPDA 350 mL Double Bag	6 bags	10 foils/box
PB-2CD356J0Y	Blood Bag CPDA 350 mL Double Bag With NIP LAH DIV Bag	6 bags	7 foils/box
PB-2CD456J8Y	Blood Bag CPDA 450 mL Double Bag	6 bags	10 foils/box
PB-2CD456J0Y	Blood Bag CPDA 450 mL Double Bag With NIP LAH DIV Bag	6 bags	7 foils/box
PB-3AO356J8X	Blood Bag CPD SAGM-2 350 mL Triple Bag (for 2 components)	5 bags	9 foils/box
PB-3AO456J8X	Blood Bag CPD SAGM-2 450 mL Triple Bag (for 2 components)	5 bags	8 foils/box
PB-3CD356J8Y	Blood Bag CPDA 350 mL Triple Bag	5 bags	10 foils/box
PB-3CD456J8Y	Blood Bag CPDA 450 mL Triple Bag	5 bags	10 foils/box
PB-3CD456J0Y	Blood Bag CPDA 450 mL Triple Bag With NIP LAH DIV Bag	5 bags	9 foils/box
PB-3AO356J8Y	Blood Bag CPD SAGM-2 350 mL Triple Bag	5 bags	9 foils/box
PB-3AO356J0Y	Blood Bag CPD SAGM-2 350 mL Triple Bag With NIP LAH DIV Bag	5 bags	7 foils/box
PB-3AO456J8Y	Blood Bag CPD SAGM-2 450 mL Triple Bag	5 bags	8 foils/box
PB-3AO456J0Y	Blood Bag CPD SAGM-2 450 mL Triple Bag With NIP LAH DIV Bag	5 bags	7 foils/box
PB-3BO356J8Y	Blood Bag CPD SAGM-2 TAB 350 mL Triple Bag	4 bags	7 foils/box
PB-3BO356J0Y	Blood Bag CPD SAGM-2 TAB 350 mL Triple Bag With NIP LAH DIV Bag	4 bags	7 foils/box
PB-3BO456J8Y	Blood Bag CPD SAGM-2 TAB 450 mL Triple Bag	4 bags	8 foils/box
PB-3BO456J0Y	Blood Bag CPD SAGM-2 TAB 450 mL Triple Bag With NIP LAH DIV Bag	4 bags	7 foils/box
PB-4CD456J8X	Blood Bag CPDA 450 mL Quadruple Bag Buffy	5 bags	8 foils/box
PB-4CD456J0X	Blood Bag CPDA 450 mL Quadruple Bag Buffy With NIP LAH DIV Bag	5 bags	7 foils/box

PB-4AO356J8Y	Blood Bag CPD SAGM-2 350 mL Quadruple Bag	5 bags	7 foils/box
PB-4AO456J8Y	Blood Bag CPD SAGM-2 450 mL Quadruple Bag	5 bags	7 foils/box
PB-4AO356J8X	Blood Bag CPD SAGM-2 350 mL Quadruple Bag Buffy	5 bags	7 foils/box
PB-4AO356J0X	Blood Bag CPD SAGM-2 350 mL Quadruple Bag Buffy With NIP LAH DIV Bag	5 bags	6 foils/box
PB-4AO456J8X	Blood Bag CPD SAGM-2 450 mL Quadruple Bag Buffy	5 bags	7 foils/box
PB-4AO456J0X	Blood Bag CPD SAGM-2 450 mL Quadruple Bag Buffy With NIP LAH DIV Bag	5 bags	6 foils/box
PB-4BO356J8Y	Blood Bag CPD SAGM-2 TAB 350 mL Quadruple Bag	3 bags	10 foils/box
PB-4BO356J0Y	Blood Bag CPD SAGM-2 TAB 350 mL Quadruple Bag With NIP LAH DIV Bag	3 bags	7 foils/box
PB-4BO456J8Y	Blood Bag CPD SAGM-2 TAB 450 mL Quadruple Bag	3 bags	10 foils/box
PB-4BO456J0Y	Blood Bag CPD SAGM-2 TAB 450 mL Quadruple Bag With NIP LAH DIV Bag	3 bags	7 foils/box
PB-4RO356J0Y	Blood Bag CPD SAGM-2 TAB CRC Filter inline 350 mL 4 Bag System With NIP LAH DIV Bag	3 bags	6 foils/box
PB-4RO456J0Y	Blood Bag CPD SAGM-2 TAB CRC Filter inline 450 mL 4 Bag System With NIP LAH DIV Bag	3 bags	6 foils/box
PB-5RO356J0Y	Blood Bag CPD SAGM-2 TAB CRC filter inline 350 mL 5 Bag System With NIP LAH DIV Bag	3 bags	6 foils/box
PB-5RO456J0Y	Blood Bag CPD SAGM-2 TAB CRC filter inline 450 mL 5 Bag System With NIP LAH DIV Bag	3 bags	6 foils/box
PB-4WO456J0Y	Blood Bag CPD SAGM-2 Inline Whole Blood Filter 450 mL With NIP LAH DIV Bag	2 bags	8 foils/box

DIV: diversion bag; LAH: luer adapter holder; NIP: needle injury protector.

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Terumo Blood and Cell Technologies is a medical technology company. Our products, software and services enable customers to collect and prepare blood and cells to help treat challenging diseases and conditions. Our employees around the world believe in the potential of blood and cells to do even more for patients than they do today. [TERUMOBCT.COM](http://TERUMOBCT.COM)

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