

SangXTM

Blood Management Systems





Biolife Medical is a wholly owned subsidiary of BL Lifesciences.

BL Lifesciences specializes in medical devices for applications in Cardiovascular Surgery, Interventional Cardiology, Critical Care & Anesthesia. BL has been distributing, manufacturing & exporting medical devices for over 3 decades. BL also has strong presence in the Laboratory Disposables. BL is headquartered at New Delhi, India with several manufacturing locations and branch offices all across India. BL is a leader in its field of activity all over the country and in various International markets.

Biolife Medical Manufactures a full range Blood Bags under the trademarked name SangX.

SangX products are manufactured in strict compliance to International quality control standards i.e ISO 13485, ISO 3826, CE, Indian FDA & several other supporting ancillary standards.

Our Blood Bags are manufactured on a state of the art fully automated bag manufacturing machine. The system is fully supported by automated anticoagulant filling system & sterilization units.

Products are made as per USP United States Pharmacopeia & IP Indian Pharmacopeia standards.

Fully automated manufacturing of blood bags

Automated Anticoagulant Mixing and Filling process



Automated Sterilization





Tubing

- ▲ **Memoryless tubes** with better elasticity
- ▲ **Identification segment number on all tubings** for easy traceability

Snap Tip

- ▲ Snap tip designed for **uniform break force** & easy breakability
- ▲ Distinct shape facilitate smooth transfer of SAGM & components, **reducing processing time**



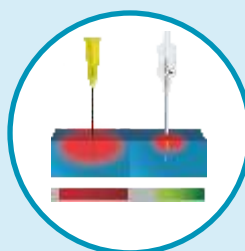
Bag Material

- ▲ **High molecular weight PVC sheet**
- ▲ Excellent sheet tensile & weld strength
- ▲ PVC with optimum ratio of **TOTM** for best **O₂ & CO₂ permeability** for platelet storage



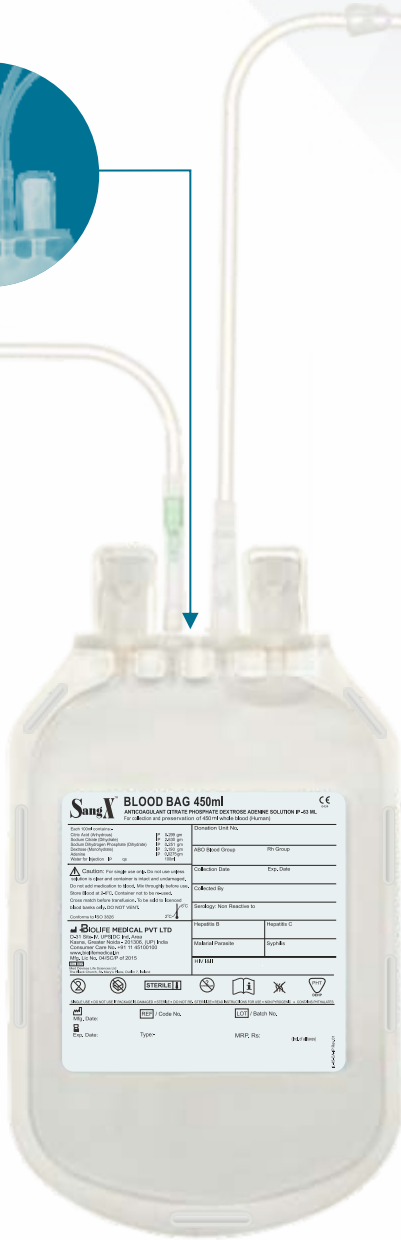
Opening Port


- ▲ **Tamper proof sealed top**
- ▲ **Complete sterility** of inner is maintained
- ▲ Optimum size outlet tube perfectly fits with spikes of all BT sets



Triple Bevel Siliconized Needle


- ▲ **Lowest** needle insertion force
- ▲ **Lowest** Pain Threshold



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- Secured transfer of sample to Blood tubes
- Needle jacket with lid to **prevent accidental injuries**



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- 16 G **Ultra thin walled needle** for better blood flow
- Siliconized needle** for smooth vein puncture, protected with hard cap




- ▶ Bag label - resistant to tear, water & centrifugation force, Label with high bonding merge strength
- ▶ Inner packing of Cast Polypropylene Pouch (CPP) for complete sterility
- ▶ Outer Packing of multiple layer of polyester/aluminium/polyethylene prevents moisture loss


Single Anti coagulant system: **CPD or CPDA**

	Type	Collection Bag capacity	Donor Needle	Optional Feature
	Single	250 ml	16G	TOTM sheet for 5days platelets storage bag
	Double	350 ml		Needle safety cover
	Triple	450 ml		Sampling tube holder
	Quadruple	500 ml		Sampling bag


Preservative Solution System: **CPD & SAG-M**

	Type	Collection Bag capacity	Donor Needle	Optional Feature
	Triple Quadruple	250 ml	16G	TOTM sheet for 5days platelets storage bag
		350 ml		Needle safety cover
		450 ml		Sampling tube holder
		500 ml		Sampling bag

Top & Bottom System: **CPD & SAG-M**

	Type	Collection Bag capacity	Donor Needle	Optional Feature
	Triple Quadruple	450 ml	16G	TOTM sheet for 5days platelets storage bag
		500 ml		Needle safety cover
				Sampling tube holder
				Sampling bag

Transfer Bag with spike

	Collection Bag Capacity	
	100 ml	
	150 ml	
	200 ml	
	300 ml	
	400 ml	
	500 ml	

Description	Product Code	
	IP	USP
Single 350 ml, CPDA	B1CA356PUZVH	B1CA356PUZVE
Double 350ml, CPDA	B2CA356PUZVH	B2CA356PUZVE
Triple 350ml, CPDA	B3CA356PUZVH	B3CA356PUZVE
Quad. 350ml, CPDA	B4CA356PUZVH	B4CA356PUZVE
Penta. 450ml, CPDA	B5CA456PUZVH	B5CA456PUZVE
Single 350 ml, CPD	B1CD356PUZVH	B1CD356PUZVE
Double 350ml, CPD	B2CD356PUZVH	B2CD356PUZVE
Triple 350ml, CPD	B3CD356PUZVH	B3CD356PUZVE
Quad. 350ml, CPD	B4CD356PUZVH	B4CD356PUZVE
Triple 350 ml, CPD/SAGM with TOTM platelet bag	B3CS356TUZVH	B3CS356TUZVE
Quad. 350ml, CPD/SAGM with TOTM platelet bag	B4CS356TUZVH	B4CS356TUZVE
Single 350 ml, CPDA, with Needle Safety cover, Sampling Bag & Sampling tube holder	B1CA356PUZFH	B1CA356PUZFE
Double 350ml, CPDA, with Needle Safety cover, Sampling Bag & Sampling tube holder	B2CA356PUZFH	B2CA356PUZFE
Triple 350ml, CPDA, with Needle Safety cover, Sampling Bag & Sampling tube holder	B3CA356PUZFH	B3CA356PUZFE
Quad. 350ml, CPDA, with Needle Safety cover, Sampling Bag & Sampling tube holder	B4CA356PUZFH	B4CA356PUZFE
Triple 350ml, CPD/SAGM, with Needle Safety cover, Sampling Bag & Sampling tube holder, TOTM platelet bag	B3CS356TUZFH	B3CS356TUZFE
Quad. 350ml, CPD/SAGM, with Needle Safety cover, Sampling Bag & Sampling tube holder, TOTM platelet bag	B4CS356TUZFH	B4CS356TUZFE
Quad. 350ml, Top & Bottom CPD/SAGM, with TOTM platelet bag	B4CS356TQZVH	B4CS356TQZVE
Quad. 350ml, Top & Bottom CPD/SAGM, with Needle Safety cover, Sampling Bag & Sampling tube holder, TOTM platelet bag	B4CS356TQZFH	B4CS356TQZFE
Quad. 450ml, Top & Bottom CPD/SAGM, with Needle Safety cover, Sampling Bag & Sampling tube holder, Whole blood LR Filter	B4CS456PQWFH	B4CS456PQWFE

Description	Product Code	
	IP	USP
Single 450 ml, CPDA	B1CA456PUZVH	B1CA456PUZVE
Double 450ml, CPDA	B2CA456PUZVH	B2CA456PUZVE
Triple 450ml, CPDA	B3CA456PUZVH	B3CA456PUZVE
Quad. 450ml, CPDA	B4CA456PUZVH	B4CA456PUZVE
Penta. 500ml, CPDA	B5CA506PUZVH	B5CA506PUZVE
Single 450 ml, CPD	B1CD456PUZVH	B1CD456PUZVE
Double 450ml, CPD	B2CD456PUZVH	B2CD456PUZVE
Triple 450ml, CPD	B3CD456PUZVH	B3CD456PUZVE
Quad. 450ml, CPD	B4CD456PUZVH	B4CD456PUZVE
Triple 450 ml, CPD/SAGM with TOTM platelet bag	B3CS456TUZVH	B3CS456TUZVE
Quad. 450ml, CPD/SAGM with TOTM platelet bag	B4CS456TUZVH	B4CS456TUZVE
Single 450ml, CPDA, with Needle Safety cover, Sampling Bag & Sampling tube holder	B1CA456PUZFH	B1CA456PUZFE
Double 450ml, CPDA, with Needle Safety cover, Sampling Bag & Sampling tube holder	B2CA456PUZFH	B2CA456PUZFE
Triple 450ml, CPDA, with Needle Safety cover, Sampling Bag & Sampling tube holder	B3CA456PUZFH	B3CA456PUZFE
Quad. 450ml, CPDA, with Needle Safety cover, Sampling Bag & Sampling tube holder	B4CA456PUZFH	B4CA456PUZFE
Triple 450ml, CPD/SAGM, with Needle Safety cover, Sampling Bag & Sampling tube holder, TOTM platelet bag	B3CS456TUZFH	B3CS456TUZFE
Quad. 450ml, CPD/SAGM, with Needle Safety cover, Sampling Bag & Sampling tube holder, TOTM platelet bag	B4CS456TUZFH	B4CS456TUZFE
Quad. 450ml, Top & Bottom CPD/SAGM, with TOTM platelet bag	B4CS456TQZVH	B4CS456TQZVE
Quad. 450ml, Top & Bottom CPD/SAGM, with Needle Safety cover, Sampling Bag & Sampling tube holder, TOTM platelet bag	B4CS456TQZFH	B4CS456TQZFE
Penta. 450ml, Top & Bottom CPD/SAGM, with Needle Safety cover, Sampling Bag & Sampling tube holder, TOTM platelet bag, Red Cell LR Filter	B5CS456TQRFH	B5CS456TQRFE

Manufactured by:

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