

SST



PST



EDTA



Serum

Heparin



Citrate



Glucose



Specialty



Helping all people live healthy lives

BD Vacutainer® Tube Guide



2771 Bristol Circle
Oakville, ON L6H 6R5
www.bd.com/ca

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BD PRIMESM



BEST PRACTICE
FORMULARY



BD SELECT PROCESS



SST

BD Vacutainer® SST™ Tubes contain spray-coated silica and a polymer gel for serum separation. They are used for serum determinations in chemistry. BD Vacutainer® SST™ Tubes provide an efficient means of serum sample preparation and help to improve laboratory workflow.

Reference #	Tube Size (mm)	Draw Volume (mL)	Closure		
			Type	Colour	Label type
367983 ✓	13x75	3.5		Yellow	P
367986 ✓	13x100	5.0		Yellow	P
367977 ✓	13x100	4.0		Yellow	P
367974	16x100	6.0		Red/Black pattern	P
367988 ✓	16x100	8.5		Red/Black pattern	P
Transport tube					
367987	16x100	7.5		Red/Black pattern	P
367985	16x125	10.0		Red/Black pattern	P



PST

BD Vacutainer® PST™ Tubes contain spray-coated lithium heparin and a gel for plasma separation. They are used for plasma determinations in chemistry.

Reference #	Tube Size (mm)	Draw Volume (mL)	Closure		
			Type	Colour	Label type
367960 ✓	13x75	3.0		Green	P
367961	13x100	3.5		Green	P
367962 ✓	13x100	4.5		Green	P
367964 ✓	16x100	8.0		Green/Black pattern	P

▲ BD CLINICAL ADVANTAGE:

BD Vacutainer® PST™ Lithium Heparin Tubes eliminate the need to wait for a clot to form, making it an ideal tube for STAT procedures, as well as for patients receiving anticoagulant therapy. The BD Vacutainer® PST™ Tube still provides the convenience of gel separation with the added advantage of improved turnaround times.

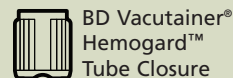
LEGEND

✓ Indicates part of the BD Best Practice Formulary

G Indicates a glass tube

P Paper Label

ST See Thru Label



BD Vacutainer® Hemogard™ Tube Closure



Conventional Tube Stopper








▲ BD CLINICAL ADVANTAGE:

▲ What is the BD Best Practice Formulary?

The BD Best Practice Formulary (BPF), as it relates to BD Vacutainer® Blood Collection Tubes, was developed to provide customers with a condensed yet comprehensive array of BD Vacutainer® Blood Collection Tubes for virtually every clinical need. Each tube chosen for inclusion in the BPF meets the demanding requirements of today's complex diagnostic instruments and fits within the current clinical guidelines of the scientific and medical communities. The BD Best Practice Formulary provides the optimal offering for all of your clinical needs.

EDTA

BD Vacutainer® spray-coated K2EDTA Tubes are used for whole blood hematology determinations and immunohematology testing.

Reference #	Tube Size (mm)	Draw Volume (mL)	Closure		Label type
			Type	Colour	
367841 ✓	13x75	2.0			P
367856 ✓	13x75	3.0			P
367861 ✓	13x75	4.0			P
367844 ✓	13x75	4.0			P
367863	13x100	6.0			P
366643	16x100	10.0			ST
367899 ✓	13x100	6.0			P

▲ BD CLINICAL ADVANTAGE:

K2EDTA is the “anticoagulant of choice in specimen collection and blood cell counting” according to both NCCLS and the International Council for Standardization in Haematology (ICSH)^{1,2}. It was chosen for the following reasons:








- 1) K3EDTA results in greater RBC shrinkage;
- 2) K3EDTA produces a larger increase in cell volume on standing; and
- 3) K3EDTA is a liquid additive and will result in the dilution of the specimen. Results of directly measured values can be 1-2% lower than results with K2EDTA. K2EDTA is sprayed onto the interior of the plastic tube and like K3EDTA requires 8-10 inversions for thorough mixing of blood with the anticoagulant.

1 NCCLS, Evacuated Tubes and Additives for Blood Specimen Collection – Fifth Edition; Approved Standard. NCCLS documentation H1-A5, Vol. 23, No. 33, Dec. 2003.

2 International Council for Standardization in Haematology Expert Panel on Cytometry. Recommendation of the International Council for Standardization in Haematology for ethylenediaminetetraacetic acid anticoagulation for blood cell counting and sizing. Am J Clin Pathol 1993; 100:371-372.

Serum

BD Vacutainer® Plus Plastic Serum Tubes have spray-coated silica and are used for serum determinations in chemistry, serology, and immunohematology.

Reference #	Tube Size (mm)	Draw Volume (mL)	Closure		Label type
			Type	Colour	
366434 G	13x75	5.0			P
366668	13x75	3.0			P
367812 ✓	13x75	4.0			P
367814	13x100	5.0			P
367815 ✓	13x100	6.0			P
366430 G	16x100	10.0			P
367820 ✓	16x100	10.0			P

All BD Vacutainer® Tubes, except for Citrate, that are 13x75mm in size with a draw volume of 3.0ml or less, are considered partial draw tubes.



Heparin

BD Vacutainer® Heparin Tubes are spray-coated with either lithium heparin or sodium heparin and are used for plasma determinations in chemistry.

HEPARIN

CITRATE

Reference #	Tube Size (mm)	Draw Volume (mL)	Closure		
			Type	Colour	Label type
Lithium Heparin					
366664	13x75	2.0			P
367884 ✓	13x75	4.0			P
367886	13x100	6.0			P
367880	16x100	10.0			P
Sodium Heparin					
367671 G	13x75	2.0			P
367871 ✓	13x75	4.0			P
367878	13x100	6.0			P
366480 G	16x100	10.0			P
367874	16x100	10.0			P



Citrate

BD Vacutainer® Citrate Tubes with 3.2% buffered sodium citrate solution are used for routine coagulation studies.

HEPARIN

CITRATE

Reference #	Tube Size (mm)	Draw Volume (mL)	Closure		
			Type	Colour	Label type
366392 G	10.25x47	1.8			P
366393 G	10.25x64	2.7			P
363080 ✓	13x75	1.8			P
363083 ✓	13x75	2.7			P
366415 ✓ G	13x75	4.5			P
367599* G	13x75	4.5			P
369714 ✓ G	13x75	4.5			P

*CTAD

▲ BD CLINICAL ADVANTAGE:

Sodium citrate concentrations can have significant effects on APTT and PT assays especially with patients receiving IV heparin therapy and when responsive reagents are used. For this reason it is very important that laboratories determine their normal range of APTT and PT based on one citrate concentration and consistently use this concentration for all patient samples. BD offers only the 3.2% citrate concentration, as recommended by NCCLS.¹

¹ NCCLS, Collection, Transport and Processing of Blood Specimens for Coagulation Testing and General Performance of Coagulation Assays - Third Edition; Approved Guideline. NCCLS documentation H21-A3, Vol. 18, No. 20, Dec. 1998.



Glucose

BD Vacutainer® Fluoride Tubes contain a glycolytic inhibitor and are used for glucose determinations on plasma.

Reference #	Tube Size (mm)	Draw Volume (mL)	Closure		Label type
			Type	Colour	
367587* ✓	13x75	2.0			P
367921	13x75	2.0			P
367922 ✓	13x75	4.0			P
367925	13x100	6.0			P

*Contains Na₂EDTA

SPECIALTY



Specialty Tubes

BD Vacutainer® Specialty Tubes

Reference #	Description	Tube Size (mm)	Draw Volume (mL)	Closure		Label type
				Type	Colour	
Specialty - Trace Element						
368380	Serum Tube with Clot Activator	13x100	6.0			P
368381	Tube with K ₂ EDTA 10.8 mg	13x100	6.0			P
Specialty - ACD						
364816 G	Tube with ACD Solution B 1.0ml	13x100	6.0			P
364606 G	Tube with ACD Solution A 1.5ml	16x100	8.5			P

Specialty Tubes Continued on Next Page

GLUCOSE SPECIALTY



Specialty Tubes CONT'D

BD Vacutainer® Specialty Tubes











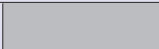

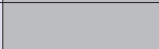

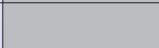


















Reference #	Description	Tube Size (mm)	Draw Volume (mL)	Closure		Label type
				Type	Colour	
Specialty - Sedimentation Rate Determination (SDR)						
366676	G Tube with Buffered Citrate .105M, CE Marked	8x100	1.8			P
369741	G Tube with Buffered Citrate .105M	13x75	2.4			P
366465	G Tube with Buffered Citrate .129M	13x100	4.0			P
366065	G Tube with Buffered Citrate .105M, CE Marked	10x120	5.0			P
366666	G Tube with Buffered Citrate .105M, CE Marked	10x120	5.0			P
Specialty - Sodium Polyanetholesulfonate (SPS)						
366404	G Whole Blood Tube with Additive 0.68ml	10.25x82	3.32			P
364960	G Whole Blood Tube with Additive 1.7ml	16x100	8.3			ST
Specialty - Thrombin						
367755	G Serum tube, silicone-coated interior with Thrombin 1.4 NIH units	13x100	7.0			P
366525	G Serum tube, silicone-coated interior with Thrombin 2.0 NIH units	16x100	10.0			P
Specialty - Miscellaneous						
366522	G Plasma tube with siliceous earth	13x75	2.0			P
366703	Discard Tube without Additive	13x75	3.0		Clear	P
367855	Tube with Na2EDTA (spray-dried) for Lead Testing	13x75	3.0			P
366401	G Two Tubes Packaged Together in a Sterile Pouch (silicone coated tube details)	16x100	10.0			P
366401	G Two Tubes Packaged Together in a Sterile Pouch (K3EDTA tube details)	13x100	7.0			P
367001	G Tube with Sod Flouride/Pot Oxalate, for Blood Alcohol Testing	16x100	10.0			P

Specialty Tubes Continued on Next Page



Specialty Tubes CONT'D

BD Vacutainer® Specialty Tubes

Reference #	Description	Tube Size (mm)	Draw Volume (mL)	Closure		Label type
				Type	Colour	
Molecular						
362753 G	Tube with polymer gel and sodium heparin for mononuclear cell preparation (CPT)	16x125	8.0			Mylar
362760 G	Tube with polymer gel and sodium citrate for mononuclear cell preparation (CPT)	13x100	4.0			Mylar
362761 G	Tube with polymer gel and sodium citrate for mononuclear cell preparation (CPT)	16x125	8.0			Mylar
362788 ✓	Plasma Preparation Tube (PPT) with K2EDTA and Gel for Separation	13x100	5.0			Mylar
762165	PAXgene Blood RNA Tube, CE marked	16x100	2.5		Clear	P
Urine						
364951	C&S Tube with Preservative, Round Bottom	13x75	4.0			
364953	C&S Kit with Transfer Straw	13x75	4.0			
364954	C&S Kits with Cup & Towelette	13x75	4.0			
364980	UA Tube without Preservative, Conical Bottom	16x100	8.0			
364979	UA Tube without Preservative, Round Bottom	16x100	10.0			
364992	UA Tube with Preservative, Conical Bottom	16x100	8.0			
364991	Urinalysis Kit with Transfer Straw	16x100	8.0			
364990	Urinalysis Kit with Transfer Straw	16x100	10.0			
364943	Urinalysis Kit with Transfer Straw	16x100	8.0			
364956	Complete Combination Kits (C&S 364951 + UA 364980)					
364957	Complete Combination Kits (C&S 364951 + UAP 364992)					
364946	Urinalysis Kits with Cup	16x100	8.0			
364981	Urinalysis Kits with Cup	16x100	10.0			
364989	Urinalysis Kits with Cup	16x100	8.0			

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