

BD Life Sciences – Preanalytical Systems



BD Vacutainer[®]
Specimen Collection
Products

BD Microtainer[®]
Capillary Products



Product Catalog



Helping all people
live healthy lives

BD Life Sciences – Preanalytical Systems

See the Total Value

For more than 60 years, BD has advanced the science of specimen collection that has helped enable laboratory tests to become the foundation for 70 percent of all medical decisions.*

Today, the **BD Vacutainer**[®] product family is a gold standard in sample collection. That is why America's leading hospitals rely upon it to enhance sample quality and protect their nurses, phlebotomists and other caregivers from costly accidental needlestick injuries.

These products—backed by unrivaled customer support and training—help hospitals every day to enhance lab productivity and workflow by reducing retests, recollects and instrument downtime.

**70 patients worldwide
every second** have diagnostic
samples collected with
BD Vacutainer specimen
collection products

To learn about BD Vacutainer[®] specimen collection products, educational materials or services offered by **BD Life Sciences** – Preanalytical Systems, please contact your local BD Sales Consultant today.

You can also contact us via:

BD Technical Services at **1.800.631.0174**

or submit an inquiry at **www.bd.com/vacutainer/contact**

BD Customer Service at **1.888.237.2762**

or visit us anytime online at **www.bd.com/vacutainer**

* The Lewin Group (2005). *The Value of Diagnostics: Innovation, Adoption, and Diffusion into Healthcare*. Published for the Advanced Medical Technology Association. Falls Church, VA: Lewin Group; 2005:1.



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Venous Products



BD Vacutainer® Blood Collection Tubes

BD Vacutainer® Blood Collection Tubes are clinically shown and supported with numerous clinical studies on a vast array of analytes and diagnostics platforms to document the efficacy, performance characteristics and ease of use. At BD, we understand that it's not just a test...it's a patient and the accuracy of your test result that matter most.



BD Vacutainer® SST™ Tubes

BD Vacutainer® SST™ Tubes contain spray-coated silica to aid in clotting and a polymer gel for serum separation. Samples processed in these tubes are used for serum determinations in chemistry, blood donor screening and infectious disease testing.* BD Vacutainer® SST™ Tubes provide an efficient means of serum sample preparation and help to improve laboratory workflow.



Reference Number	Glass (G) or Plastic (P)	Tube Size (mm)	Draw Volume (mL)	Closure Type/Color	Label Type	Additive/Concentration	Packaging Box/Case Quantities
367981	P	13 x 75	3.5	Conventional Red/Gray	Paper	Clot Activator/ Polymer Gel	100/1000
367983	P	13 x 75	3.5	BD Hemogard™/ Gold	Paper	Clot Activator/ Polymer Gel	100/1000
367977	P	13 x 100	4.0	BD Hemogard™/ Gold	Paper	Clot Activator/ Polymer Gel	100/1000
367989	P	13 x 100	5.0	BD Hemogard™/ Gold	See Thru	Clot Activator/ Polymer Gel	100/1000
367986	P	13 x 100	5.0	BD Hemogard™/ Gold	Paper	Clot Activator/ Polymer Gel	100/1000
367987	P	16 x 100	7.5	Conventional Red/Gray	Paper	Transport Tube Clot Activator/ Double Polymer Gel	100/1000
367988	P	16 x 100	8.5	Conventional Red/Gray	Paper	Clot Activator/ Polymer Gel	100/1000
367985	P	16 x 125	10.0	Conventional Red/Gray	Paper	Transport Tube Clot Activator/ Double Polymer Gel	100/1000

 BD Hemogard™ Closure  Conventional Rubber Stopper

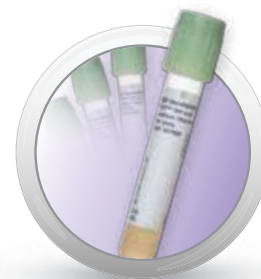
* The performance characteristics of these tubes have not been established for infectious disease testing in general; therefore, users must validate the use of these tubes for their specific assay-instrument/reagent system combinations and specimen storage conditions.



www.bd.com/vacutainer

BD Vacutainer® PST™ Tubes

BD Vacutainer® PST™ Tubes contain spray-coated lithium heparin and a polymer gel for plasma separation. Samples processed in these tubes are used for plasma determinations in chemistry. 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. They provide the convenience of gel separation with the added advantage of improved turnaround time.



Reference Number	Glass (G) or Plastic (P)	Tube Size (mm)	Draw Volume (mL)	Closure Type/Color	Label Type	Additive/Concentration	Packaging Box/Case Quantities
368056	P	13 x 75	3.0	Conventional/ Green/Gray	Paper	Lithium Heparin 56 USP Units with Polymer Gel	100/1000
367960	P	13 x 75	3.0	BD Hemogard™/ Lt Green	Paper	Lithium Heparin 56 USP Units with Polymer Gel	100/1000
367961	P	13 x 100	3.5	BD Hemogard™/ Lt Green	Paper	Lithium Heparin 65 USP Units with Polymer Gel	100/1000
368824	P	16 x 100	4.0	Conventional/ Green/Gray	Paper	Lithium Heparin 64 USP Units with Polymer Gel	100/1000
367962	P	13 x 100	4.5	BD Hemogard™/ Lt Green	Paper	Lithium Heparin 84 USP Units with Polymer Gel	100/1000
367964	P	16 x 100	8.0	Conventional/ Green/Gray	Paper	Lithium Heparin 126 USP Units with Polymer Gel	100/1000

BD Vacutainer® RST Tube

BD Vacutainer® Rapid Serum Tubes (RST) contain thrombin-based clot activator and polymer gel for serum separation. Samples processed in these tubes are used for serum determinations in chemistry. A five-minute clotting time makes this tube ideal for STAT testing in the emergency department as well as clinical laboratories striving to improve test turnaround and workflow efficiencies.



Reference Number	Glass (G) or Plastic (P)	Tube Size (mm)	Draw Volume (mL)	Closure Type/Color	Label Type	Additive/Concentration	Packaging Box/Case Quantities
368774	P	13 x 100	5.0	BD Hemogard™/ Orange	Paper	Thrombin-based clot activator	100/1000



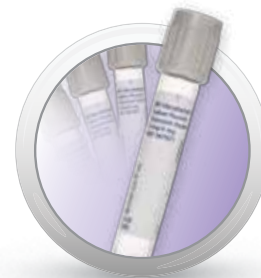
BD Hemogard™ Closure



Conventional Rubber Stopper

BD Vacutainer® Fluoride Tubes

BD Vacutainer® Fluoride Tubes are used to collect samples for glucose determinations.



Reference Number	Glass (G) or Plastic (P)	Tube Size (mm)	Draw Volume (mL)	Closure Type/Color	Label Type	Additive/Concentration	Packaging Box/Case Quantities
367587	P	13 x 75	2.0	BD Hemogard™/ Gray	Paper	Sodium Fluoride 3 mg, Na ₂ EDTA 6 mg	100/1000
367921	P	13 x 75	2.0	BD Hemogard™/ Gray	Paper	Sodium Fluoride 5 mg, Potassium Oxalate 4 mg	100/1000
368587	P	13 x 75	4.0	Conventional/ Gray	Paper	Sodium Fluoride 10 mg, Potassium Oxalate 8 mg	100/1000
367922	P	13 x 75	4.0	BD Hemogard™/ Gray	Paper	Sodium Fluoride 10 mg, Potassium Oxalate 8 mg	100/1000
367925	P	13 x 100	6.0	BD Hemogard™/ Gray	Paper	Sodium Fluoride 15 mg, Potassium Oxalate 12 mg	100/1000
367729	G	13 x 100	7.0	BD Hemogard™/ Gray	Paper	Sodium Fluoride 30 mg	100/1000
367001	G	16 x 100	10.0	Conventional/ Gray	Paper	Sodium Fluoride 100 mg, Potassium Oxalate 20 mg	100/1000

BD Vacutainer® Serum Tubes

BD Vacutainer® Plus Plastic Serum Tubes have spray-coated silica and are used for serum determinations in chemistry. Samples processed in these tubes may also be used for routine blood donor screening, immunohematology and diagnostic testing of serum for infectious disease.*



Reference Number	Glass (G) or Plastic (P)	Tube Size (mm)	Draw Volume (mL)	Closure Type/Color	Label Type	Additive/Concentration	Packaging Box/Case Quantities
366668	P	13 x 75	3.0	Conventional/Red	Paper	Clot Activator, Silicone Coated	100/1000
367812	P	13 x 75	4.0	BD Hemogard™/ Red	Paper	Clot Activator, Silicone Coated	100/1000
367814	P	13 x 100	5.0	BD Hemogard™/ Red	Paper	Clot Activator, Silicone Coated	100/1000
367815	P	13 x 100	6.0	BD Hemogard™/ Red	Paper	Clot Activator, Silicone Coated	100/1000

 BD Hemogard™ Closure  Conventional Rubber Stopper

* The performance characteristics of these tubes have not been established for infectious disease testing in general; therefore, users must validate the use of these tubes for their specific assay-instrument/reagent system combinations and specimen storage conditions.



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BD Vacutainer® Serum Tubes – *continued*

Reference Number	Glass (G) or Plastic (P)	Tube Size (mm)	Draw Volume (mL)	Closure Type/Color	Label Type	Additive/Concentration	Packaging Box/Case Quantities
368660	P	13 x 100	6.0	Conventional/Red	Paper	Clot Activator, Silicone Coated	100/1000
366430	G	16 x 100	10.0	Conventional/Red	Paper	Silicone Coated	100/1000
367820	P	16 x 100	10.0	Conventional/Red	Paper	Clot Activator, Silicone Coated	100/1000

BD Vacutainer® Heparin Tubes

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



Reference Number	Glass (G) or Plastic (P)	Tube Size (mm)	Draw Volume (mL)	Closure Type/Color	Label Type	Additive/Concentration	Packaging Box/Case Quantities
366664	P	13 x 75	2.0	BD Hemogard™/Green	Paper	Lithium Heparin 37 USP Units	100/1000
367671	G	13 x 75	2.0	BD Hemogard™/Green	Paper	Sodium Heparin 33 USP Units	100/1000
366667	P	13 x 75	3.0	Conventional/ Green	Paper	Lithium Heparin 56 USP Units	100/1000
367884	P	13 x 75	4.0	BD Hemogard™/Green	Paper	Lithium Heparin 75 USP Units	100/1000
367871	P	13 x 75	4.0	BD Hemogard™/Green	Paper	Sodium Heparin 75 USP Units	100/1000
367886	P	13 x 100	6.0	BD Hemogard™/Green	Paper	Lithium Heparin 95 USP Units	100/1000
367880	P	16 x 100	10.0	Conventional/ Green	Paper	Lithium Heparin 158 USP Units	100/1000



BD Hemogard™ Closure



Conventional Rubber Stopper

BD Vacutainer® Heparin Tubes – *continued*

Reference Number	Glass (G) or Plastic (P)	Tube Size (mm)	Draw Volume (mL)	Closure Type/Color	Label Type	Additive/Concentration	Packaging Box/Case Quantities
367878	P	13 x 100	6.0	BD Hemogard™ / Green	Paper	Sodium Heparin 95 USP Units	100/1000
366480	G	16 x 100	10.0	Conventional / Green	Paper	Sodium Heparin 158 USP Units	100/1000
367874	P	16 x 100	10.0	Conventional / Green	Paper	Sodium Heparin 158 USP Units	100/1000

BD Vacutainer® EDTA Tubes

BD Vacutainer® spray-coated EDTA Tubes are used for whole blood hematology determinations, immunohematology testing and blood donor screening.*



Reference Number	Glass (G) or Plastic (P)	Tube Size (mm)	Draw Volume (mL)	Closure Type/Color	Label Type	Additive/Concentration	Packaging Box/Case Quantities
367842	P	13 x 75	2.0	BD Hemogard™ / Pink	Crossmatch	K ₂ EDTA 3.6 mg	100/1000
367841	P	13 x 75	2.0	BD Hemogard™ / Lavender	Paper	K ₂ EDTA 3.6 mg	100/1000
367856	P	13 x 75	3.0	BD Hemogard™ / Lavender	Paper	K ₂ EDTA 5.4 mg	100/1000
367835	P	13 x 75	3.0	Conventional / Lavender	Paper	K ₂ EDTA 5.4 mg	100/1000
367862	P	13 x 75	4.0	BD Hemogard™ / Lavender	See Thru	K ₂ EDTA 7.2 mg	100/1000
367844	P	13 x 75	4.0	Conventional / Lavender	Paper	K ₂ EDTA 7.2 mg	100/1000



BD Hemogard™ Closure



Conventional Rubber Stopper

* The performance characteristics of these tubes have not been established for infectious disease testing in general; therefore, users must validate the use of these tubes for their specific assay-instrument/reagent system combinations and specimen storage conditions.



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BD Vacutainer® EDTA Tubes – *continued*

Reference Number	Glass (G) or Plastic (P)	Tube Size (mm)	Draw Volume (mL)	Closure Type/Color	Label Type	Additive/Concentration	Packaging Box/Case Quantities
367861	P	13 x 75	4.0	BD Hemogard™/Lavender	Paper	K ₂ EDTA 7.2 mg	100/1000
367863	P	13 x 100	6.0	BD Hemogard™/Lavender	Paper	K ₂ EDTA 10.8 mg	100/1000
367899	P	13 x 100	6.0	BD Hemogard™/Pink	Crossmatch	K ₂ EDTA 10.8 mg	100/1000
368661	P	13 x 100	6.0	Conventional/Lavender	Paper	K ₂ EDTA 10.8 mg	100/1000
366450	G	13 x 100	7.0	Conventional/Lavender	Paper	K ₃ EDTA 12.15 mg (15% Sol, 0.081 mL)	100/1000
366643	P	16 x 100	10.0	BD Hemogard™/Lavender	See Thru	K ₂ EDTA 18 mg	100/1000
368589	P	16 x 100	10.0	Conventional/Pink	Crossmatch	K ₂ EDTA 18 mg	100/1000

BD Vacutainer® Citrate Tubes

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



Reference Number	Glass (G) or Plastic (P)	Tube Size (mm)	Draw Volume (mL)	Closure Type/Color	Label Type	Additive/Concentration	Packaging Box/Case Quantities
363080	P	13 x 75	1.8	BD Hemogard™/Lt. Blue	Paper	Buffered Sodium Citrate (0.109M, 3.2%)	100/1000
363083	P	13 x 75	2.7	BD Hemogard™/Lt. Blue	Paper	Buffered Sodium Citrate (0.109M, 3.2%)	100/1000
367947	G	13 x 75	4.5	BD Hemogard™/Lt. Blue	Paper	Buffered Sodium Citrate (0.109M, 3.2%), Theophylline, Adenosine, Dipyridamole (0.3 mL)	100/1000
369714	G	13 x 75	4.5	BD Hemogard™/Lt. Blue	Paper	Buffered Sodium Citrate (0.105M, 3.2%)	100/1000



BD Hemogard™ Closure



Conventional Rubber Stopper

BD Vacutainer® Specialty Tubes

BD offers a wide array of tubes to meet your specialty testing requirements.

Reference Number	Glass (G) or Plastic (P)	Tube Size (mm)	Draw Volume (mL)	Closure Type/Color	Label Type	Additive/Concentration	Packaging Box/Case Quantities
Blood Group Typing, HLA Phenotyping, DNA and Paternity Testing							
364816	G	13 x 100	6.0	Conventional/ Yellow	Paper	Acid Citric Dextrose (ACD) Solution B consists of Trisodium Citrate, 13.2 g/L, Citric Acid, 4.8 g/L, and Dextrose, 14.7 g/L	100/1000
364606	G	16 x 100	8.5	Conventional/ Yellow	Paper	Acid Citric Dextrose (ACD) Solution A consists of Trisodium Citrate, 22.0 g/L, Citric Acid, 8.0 g/L, and Dextrose, 24.5 g/L	100/1000
Lead Testing							
367855	P	13 x 75	3.0	BD Hemogard™/ Tan	Paper	K ₂ EDTA 5.4 mg	100/1000
Sterile Exterior Pouch							
366401	G	16 x 100	10.0	Conventional/Red	Paper	Silicone Coated K ₃ EDTA (12.15 mg)	50/1000
		13 x 100	7.0	Conventional/ Lavender	Paper		
Trace Element Testing							
368381	P	13 x 100	6.0	BD Hemogard™/ Royal Blue	Paper	K ₂ EDTA 10.8 mg	100/1000
368380	P	13 x 100	6.0	BD Hemogard™/ Royal Blue	Paper	Serum Clot Activator (Silicone Coated)	100/1000
Westergren Sedimentation Rate Determination (Buffered Citrate)							
369741	G	13 x 75	2.4	BD Hemogard™/ Black	Paper	Buffered Citrate (32.0 mg Sodium Citrate 4.2 mg Citric Acid/mL) 0.6 mL	100/1000
Whole Blood Microbiology Sodium Polyanethol Sulfonate							
364960	G	16 x 100	8.3	Conventional/ Yellow	See Thru	Sodium Polyanethol Sulfonate (SPS) (0.35% in 0.85% Sodium Chloride) 1.7 mL	100/1000
Discard/No Additive Tubes							
366703	P	13 x 75	3.0	BD Hemogard™/ Clear	Paper	No Additive	100/1000
366704	P	13 x 75	3.0	Conventional/ Red/Light Gray	Paper	No Additive	100/1000
366408	P	13 x 100	6.0	BD Hemogard™/ Clear	Paper	No Additive	100/1000



BD Hemogard™ Closure



Conventional Rubber Stopper

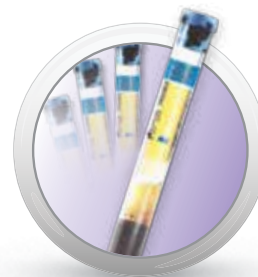


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BD Vacutainer® Molecular Diagnostic Testing / Cell Preparation Tubes

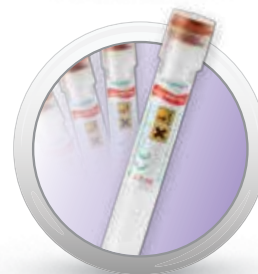
BD Vacutainer® Mononuclear Cell Preparation Tubes (CPT™)

The one-step, closed-system tube for blood collection, mononuclear cell separation and transportation offers convenience, safety and reproducibility that may contribute to increased lab productivity. This product is for *in vitro* diagnostic use.



PAXgene® Blood RNA Tube

The PAXgene® Tube offers a convenient and closed system for the collection, storage and transportation of whole blood that requires intracellular RNA stabilization. The PAXgene® tube is for *in vitro* diagnostic use and is CE-marked.



BD Vacutainer® Plasma Preparation Tubes (PPT™)

The one-step, closed-system tube for blood collection, undiluted plasma preparation and transportation offers convenience, safety and high-quality plasma for molecular diagnostic testing. This product is for *in vitro* diagnostic use.



Reference Number	Glass (G) or Plastic (P)	Tube Size (mm)	Draw Volume (mL)	Closure Type/Color	Label Type	Additive/Concentration	Packaging Box/Case Quantities
Cell Preparation Tubes (CPT™)							
362760	G	13 x 100	4.0	Conventional/ Lt. Blue/Black	Mylar	Sodium Citrate 0.45 mL of 0.1 Molar	60/Case
362753	G	16 x 125	8.0	Conventional/ Red/Green	Mylar	Sodium Heparin minimum 198 USP units	60/Case
362761	G	16 x 125	8.0	Conventional/ Lt. Blue/Black	Mylar	Sodium Citrate 1.0 mL of 0.1 Molar	60/Case
PAXgene® Blood RNA Tube							
762165*	P	16 x 100	2.5	BD Hemogard™/ Red	Paper	Additive 6.9 mL	100/Case
Plasma Preparation Tubes (PPT™)							
362788	P	13 x 100	5.0	BD Hemogard™/ Pearl White	Mylar	K ₂ EDTA 9 mg	100/1000
362799	P	16 x 100	8.5	BD Hemogard™/ Pearl White	Mylar	K ₂ EDTA 15.8 mg	100/1000
362800	P	16 x 100	8.5	BD Hemogard™/ Pearl White	Paper	K ₂ EDTA 15.8 mg	100/1000

 BD Hemogard™ Closure  Conventional Rubber Stopper

* PAXgene® Blood RNA Kit (North American Catalog #762164) can be ordered from QIAGEN, or visit <http://www.PreAnalytix.com>
PAXgene is a trademark of PreAnalytix GmbH

Proteomics Analysis and Protein Preservation

BD™ P100 Blood Collection System for Plasma Protein Preservation

BD™ P100 enables greater recovery and preservation of plasma proteins by the immediate mixing of blood with proprietary protease inhibitors. The on-board stabilizers, specifically formulated for human plasma, provide point-of-collection protection of valuable plasma proteins that are subject to proteolytic degradation and modification after blood collection.*



Reference Number	Glass (G) or Plastic (P)	Tube Size (mm)	Draw Volume (mL)	Closure Type/Color	Anticoagulant	Additive	Packaging (Tubes/Kit)
366422	P	13 x 75	~2.0	BD Hemogard™/ Clear	3.6 mg K ₂ EDTA	Proprietary Protein Stabilizers	20 tubes; 10 tubes/foil pouch 2 foil pouches/kit
366448	P	16 x 100	~8.5	BD Hemogard™/ Clear	15.8 mg K ₂ EDTA	Proprietary Protein Stabilizers	24 tubes; 6 tubes/foil pouch 4 foil pouches/kit

BD™ P700 Blood Collection System for Plasma GLP-1 Preservation

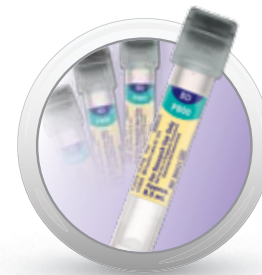
BD™ P700 is especially suited as the blood collection tube of choice for assays that require quantitation and measurement of the preproglucagon-derived glucose regulatory peptide, glucagon-like peptide 1 (GLP-1). P700 contains a proprietary dipeptidyl peptidase IV (DPP-IV) protease inhibitor that provides immediate protection of GLP-1 from degradation in plasma.*



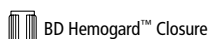
Reference Number	Glass (G) or Plastic (P)	Tube Size (mm)	Draw Volume (mL)	Closure Type/Color	Anticoagulant	Additive	Packaging (Tubes/Kit)
366473	P	13 x 75	~3.0	BD Hemogard™/ Lavender	5.4 mg K ₂ EDTA	Proprietary DPP-IV Inhibitor	20 tubes; 10 tubes/foil pouch 2 foil pouches/kit

BD™ P800 Blood Collection System for Plasma GLP-1, GIP, Glucagon and Ghrelin Preservation

BD™ P800 is especially suited as a blood collection tube of choice for assays that require quantitation and measurement of the glucagon-like peptide 1 (GLP-1), glucose-dependent insulinotropic polypeptide (GIP), glucagon and ghrelin. P800 contains a proprietary cocktail of protease, esterase and DPP-IV inhibitors that provides immediate protection of bioactive peptides from degradation in plasma.*



Reference Number	Glass (G) or Plastic (P)	Tube Size (mm)	Draw Volume (mL)	Closure Type/Color	Anticoagulant	Additive	Packaging Box/Case
366420	P	13 x 75	~2.0	BD Hemogard™/ Clear	3.6 mg K ₂ EDTA	Proprietary Cocktail of Protease, Esterase and DPP-IV Inhibitors	100/Case
366421	P	16 x 100	~8.5	BD Hemogard™/ Clear	15.3 mg K ₂ EDTA	Proprietary Cocktail of Protease, Esterase and DPP-IV Inhibitors	100/Case



* For research use only. Not for use in diagnostic procedures.



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Venous Products



BD Vacutainer® Eclipse™ Blood Collection Needles

The BD Vacutainer® Eclipse™ Blood Collection Needle is a safety-engineered, multi-sample blood collection needle that offers a simple, effective way to collect blood while reducing the possibility of needlestick injuries. It features a safety shield that allows for one-handed activation to cover the needle immediately upon withdrawal from the vein and confirms proper activation with an audible click.

BD Vacutainer® Eclipse™ Blood Collection Needle with Pre-Attached Holder is ready to use right out of the package, with no assembly required. Its integrated safety shield and holder maximizes OSHA compliance by protecting clinicians from potential front and back-end needlestick injuries.



Reference Number	Description	Needle Gauge	Needle Length (Inches)	Shield Color	Packaging Box/Case Quantities
368607	BD Vacutainer® Eclipse™ Blood Collection Needle	21	1.25	Green	48/480
368608	BD Vacutainer® Eclipse™ Blood Collection Needle	22	1.25	Black	48/480
BD Vacutainer® Eclipse™ Blood Collection Needles with Pre-Attached Holder					
368650	BD Vacutainer® Eclipse™ Blood Collection Needle with Pre-Attached Holder	21	1.25	Green	–/100
368651	BD Vacutainer® Eclipse™ Blood Collection Needle with Pre-Attached Holder	22	1.25	Black	–/100



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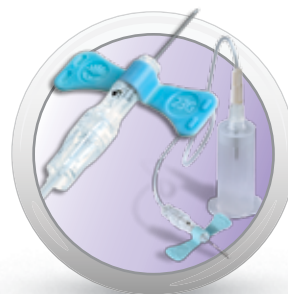
BD Vacutainer® Blood Collection Sets

A successful venipuncture begins with choosing the appropriate site and equipment for the procedure. Healthcare workers should select safety-engineered products that help contribute to high-quality specimens, patient comfort and healthcare worker safety. The BD line of winged blood collection sets can help you achieve these clinical goals.



BD Vacutainer® Push Button Blood Collection Sets

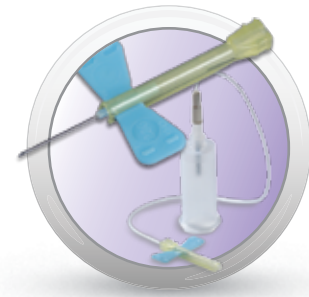
The BD Vacutainer® Push Button Blood Collection Set offers a clinically demonstrated split-second retracting safety needle to help reduce costly needlestick injuries. It is available with a pre-attached holder for added convenience and to help meet OSHA single-use standards.



Reference Number	Needle Gauge	Needle Length (Inches)	Wing Color	Tubing Length (Inches)	Configuration With or Without Luer	Packaging Box/Case Quantities
367344	21	.75	Green	12	With	50/200
367342	23	.75	Light Blue	12	With	50/200
367341	25	.75	Royal Blue	12	With	50/200
367326	21	.75	Green	12	Without	50/200
367324	23	.75	Light Blue	12	Without	50/200
367323	25	.75	Royal Blue	12	Without	50/200
367338	21	.75	Green	7	With	50/200
367336	23	.75	Light Blue	7	With	50/200
367335	25	.75	Royal Blue	7	With	50/200
BD Vacutainer® Push Button Blood Collection Sets with Pre-Attached Holder						
367352	21	.75	Green	12	Pre-Attached Holder	20/100
368656	23	.75	Light Blue	12	Pre-Attached Holder	20/100
368659	25	.75	Royal Blue	12	Pre-Attached Holder	20/100

BD Vacutainer® Safety-Lok™ Blood Collection Sets

The BD Vacutainer® Safety-Lok™ Blood Collection Set is simple and easy to use. The safety mechanism can be activated immediately after the blood draw, helping to protect you against needlestick injury. It is also offered with a pre-attached holder for added convenience and to help meet OSHA single-use holder standards.



Reference Number	Needle Gauge	Needle Length (Inches)	Wing Color	Tubing Length (Inches)	Configuration With or Without Luer	Packaging Box/Case Quantities
367281	21	.75	Green	12	With	50/200
367283	23	.75	Light Blue	12	With	50/200
367285	25	.75	Royal Blue	12	With	50/200
367296	21	.75	Green	12	Without	50/200
367297	23	.75	Light Blue	12	Without	50/200
367298	25	.75	Royal Blue	12	Without	50/200
367287	21	.75	Green	7	With	50/200
367292	23	.75	Light Blue	7	With	50/200
367294	25	.75	Royal Blue	7	With	50/200
BD Vacutainer® Safety-Lok™ Blood Collection Sets with Pre-Attached Holders						
368652	21	.75	Green	12	Pre-Attached Holder	25/200
368653	23	.75	Light Blue	12	Pre-Attached Holder	25/200



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BD Vacutainer® Accessories

BD Vacutainer® Accessories are designed for secure and safe specimen sampling. This product offering includes direct-access sampling, transfer devices and tourniquets. These products offer convenience and ease of use and complement the family of BD Vacutainer® and BD Microtainer® products.



BD Vacutainer® Holder

The BD Vacutainer® One Use Holder is compatible with the entire BD Vacutainer® Blood Collection System: BD Vacutainer® Eclipse Blood Collection Needle, BD Vacutainer® Safety-Lok™ Blood Collection Set, BD Vacutainer® Push Button Blood Collection Set and BD Vacutainer® Multiple Sample Luer Adapter.



Reference Number	Description	Packaging Box/Case Quantities
364815	BD Vacutainer® One Use Holder	250/1000
364597	BD Vacutainer® Ribbed Pediatric Tube Adapter	10/100

BD Vacutainer® Blood Transfer Device

The use of a needle to transfer venous blood from a syringe to a blood collection tube or blood culture bottle is both a dangerous procedure and an OSHA-prohibited practice. The BD Vacutainer® Blood Transfer Device was designed with healthcare workers' safety in mind. This single-use device reduces the risk of transfer-related injuries, while maintaining the specimen integrity required for accurate results.



Reference Number	Description	Packaging Box/Case Quantities
364880	BD Vacutainer® Blood Transfer Device	-/200

BD Vacutainer® Luer-Lok™ Access Device

The BD Vacutainer® Luer-Lok™ Access Device is designed for sterile, secure and safer specimen sampling. This device provides the security of a threaded, locking luer connection—the patented BD Vacutainer® Luer-Lok™ that replaces a luer slip device. The product is also compatible with a female luer connection or needleless IV site designed for luer-lock access, and luer locking Foley Catheter sampling ports.



Reference Number	Description	Packaging Box/Case Quantities
364902	BD Vacutainer® Luer-Lok™ Access Device	–/200
367290	BD Vacutainer® Luer Adapter	100/1000

BD Vacutainer® Specimen Collection Assembly

Compatible with any split-septum collection port designed for blunt plastic cannula access.



Reference Number	Description	Packaging Box/Case Quantities
303380	BD Vacutainer® Specimen Collection Assembly with BD™ Blunt Plastic Cannula	25/200

BD Vacutainer® Stretch Latex-Free Tourniquet

Concerned about latex sensitivity? The BD Vacutainer® Stretch Latex-Free Tourniquet is ideal for practitioners and facilities that want to eliminate latex from their healthcare products. This free-of-latex tourniquet will not cause a latex-induced allergic reaction in latex-sensitive patients or employees. Convenient packaging allows for easy, one-at-a-time dispensing of tourniquets—encouraging a single-use policy that helps reduce the danger of cross-contamination between patients and healthcare workers.



Reference Number	Description	Packaging Box/Case Quantities
367203	BD Vacutainer® Stretch Latex-Free Tourniquet	25/500



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Capillary Products



BD Microtainer® Capillary Blood Collection System

BD Microtainer® Capillary Products feature a complete system designed to provide safety, accuracy and comfort for capillary blood sampling and collection, to meet your varying sample requirements and meet the needs of your most fragile patients.



BD Microtainer® Contact-Activated Lancets

The BD Microtainer® Contact-Activated Lancet has been designed with a positive patient experience in mind. The contact-activation method facilitates a consistent puncture depth and minimizes the likelihood of having to repeat the puncture. It covers only a small area at the contact point, resulting in improved visibility of the puncture site for the clinician and greater accuracy of lancet positioning when performing the puncture. Its innovative ergonomic design allows for a more comfortable grip. The lancet automatically retracts into the device, which prevents the lancet from being reused. In addition, the lot number is laser etched on each lancet for easier tracking.



Reference Number	Width and Depth (mm)	Blood Volume	Color	Packaging Box/Case Quantities
366592	30 G x 1.5	Low Flow	Purple	200/2000
366593	21 G x 1.8	Medium Flow	Pink	200/2000
366594	1.5 mm x 2.0	High Flow	Blue	200/2000

BD Microtainer® Quikheel™ Lancets

Maximize blood flow while minimizing pain in heelsticks on newborns with the safety-engineered BD Microtainer® Quikheel™ Lancet. Easy, one-handed activation releases a retractable surgical blade for making a precise, consistent incision that produces sufficient blood flow to conduct PKU testing. A perfect solution for your newborn screening tests. Sizes are color-coded for infant and preemie.



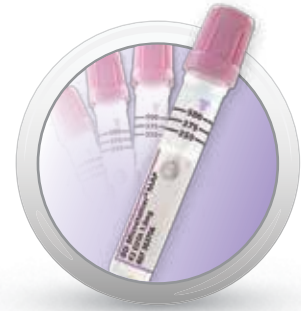
Reference Number	Width and Depth (mm)	Blood Volume	Color	Packaging Box/Case Quantities
368100	1.75 x 0.85	Low Flow (Preemie)	Pink	50/200
368101	2.50 x 1.00	High Flow (Infant)	Teal	50/200



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BD Microtainer® MAP Microtube for Automated Process

BD Microtainer® MAP Microtube for Automated Process is the first one-piece instrument-compatible microtube to offer both standard full-size patient identification labels as well as compatibility with most automated hematology instruments. The BD Microtainer® MAP tube is designed to improve the labeling and processing time of capillary blood collection and testing in patients such as infants, children, oncology and the elderly.



Approved for hematology and lead testing!

Reference Number	Glass (G) or Plastic (P)	Tube Size (mm)	Color	Additive	Fill Volume (µL)	Packaging Box/Case Quantities
BD Microtainer® MAP Microtube Automated Process						
363706	P	13 x 75	Lavender	1.0 mg K ₂ EDTA	250-500	50/200

BD Microtainer® Blood Collection Tubes

BD Microtainer® Blood Collection Tube was designed for ease-of-use and helps to ensure that a quality capillary blood sample is collected. The wider-diameter BD Microtainer® Tube with BD Microgard™ Closure features an integrated collector and improved mixing ability. This full array of microcollection tubes is available for hematology and chemistry applications, and is color-coded to match the array of evacuated BD Vacutainer® Blood Collection Tubes.



Reference Number	Color	Additive	Fill Volume (µL)	Packaging Box/Case Quantities
BD Microtainer® Tubes with BD Microgard™ Closure				
365967	Gold	Clot Activator/ SST™ Gel	400-600	50/200
365978	Gold	Clot Activator/ SST™ Gel (Amber)	400-600	50/200
365963	Red	Silicone Coated	250-500	50/200
365974	Lavender	K ₂ EDTA	250-500	50/200
365985	Mint Green	Lithium Heparin/ PST™ Gel	400-600	50/200
365987	Mint Green	Lithium Heparin/ PST™ Gel (Amber)	400-600	50/200
365965	Green	Lithium Heparin	200-400	50/200
365992	Gray	NaFI/Na ₂ EDTA	400-600	50/200
365976	N/A	Tube Extender	N/A	50/200



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Urine Products



BD Vacutainer® Urine Collection System


BD Urine Collection Products offer the advantages of a closed system, for both patients and healthcare workers alike. Patients receive more reliable results, due to decreased preanalytical variability. Healthcare workers derive more safety on the job because they do not need to pour potentially contaminated urine into tubes, while the efficiency of the closed system eliminates the need for re-collections and re-labeling and reduces the potential for preanalytical errors. The preservatives in the BD Urinalysis Tube and the C&S Tube allow for delayed testing and are in compliance with CLSI guidelines.



BD Vacutainer® Urine Collection Kits

The BD Vacutainer® Urine Collection System provides a wide array of urine collection products to meet your everyday urine testing needs. The BD proprietary, mercury-free urinalysis preservative maintains sample integrity for up to 72 hours at room temperature, while the BD microbiology preservative maintains bacterial viability for up to 48 hours at room temperature to help reduce contamination rates. From collection to transport to specimen preservation, BD Vacutainer® Urine Products help you handle the most commonly collected and analyzed body fluid.

Reference Number	Description	Tube Size/ Draw Volume	Closure Type/Color	Additive/Concentration	Packaging Box/Case Quantities
364957	Complete Kit: Sterile Screw-Cap Collection Cup with Integrated Transfer Device and Plus Plastic Conical Tube with Preservative for Urinalysis and Plus Plastic C&S Preservative Tube and Castile Soap Towelettes	16x100 mm 8.0 mL	Conventional/ Red/Yellow	Ethyl Paraben, Sodium Propionate and Chlorhexidine Preservative	50 Kits/Case
		13x75 mm 4.0 mL	Conventional/ Gray	Boric Acid, Sodium Formate and Sodium Borate Preservative	
364956	Complete Kit: Sterile Screw-Cap Collection Cup with Integrated Transfer Device and Plus Plastic Conical Tube for Urinalysis and Plus Plastic C&S Preservative Tube and Castile Soap Towelettes	16x100 mm 8.0 mL	Conventional/ Yellow	No Additive	50 Kits/Case
		13x75 mm 4.0 mL	Conventional/ Gray	Boric Acid, Sodium Formate and Sodium Borate Preservative	
364954	C&S Cup Kit: Sterile Screw-Cap Collection Cup with Integrated Transfer Device and Plus Plastic C&S Preservative Tube and Castile Soap Towelettes	13x75 mm 4.0 mL	Conventional/ Gray	Boric Acid, Sodium Formate and Sodium Borate Preservative	50 Kits/Case
364953	C&S Transfer Straw Kit: Transfer Straw and Plus Plastic C&S Preservative Tube	13x75 mm 4.0 mL	Conventional/ Gray	Boric Acid, Sodium Formate and Sodium Borate Preservative	50/200


 Conventional Rubber Stopper



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BD Vacutainer® Urine Collection Kits – *continued*

Reference Number	Description	Tube Size/ Draw Volume	Closure Type/Color	Additive/ Concentration	Packaging Box/Case Quantities
364946	Urinalysis Cup Kit: Sterile Screw-Cap Collection Cup with Integrated Transfer Device and Plus Plastic Conical Tube with Preservative for Urinalysis	16x100 mm 8.0 mL	Conventional/ Red/Yellow	Ethyl Paraben, Sodium Propionate and Chlorhexidine Preservative	50 Kits/Case
364981	Urinalysis Cup Kit: Sterile Screw-Cap Collection Cup with Integrated Transfer Device and Plus Plastic Round Bottom Tube for Urinalysis	16x100 mm 10.0 mL	Conventional/ Yellow	No Additive	50 Kits/Case
364989	Urinalysis Cup Kit: Sterile Screw-Cap Collection Cup with Integrated Transfer Device and Plus Plastic Conical Tube for Urinalysis	16x100 mm 8.0 mL	Conventional/ Yellow	No Additive	50 Kits/Case
364990	Urinalysis Transfer Straw Kit: Transfer Straw and Plus Plastic Round Bottom Tube for Urinalysis	16x100 mm 10.0 mL	Conventional/ Yellow	No Additive	50/200
364991	Urinalysis Transfer Straw Kit: Transfer Straw and Plus Plastic Conical Tube for Urinalysis	16x100 mm 8.0 mL	Conventional/ Yellow	No Additive	50/200
364943	Urinalysis Transfer Straw Kit: Transfer Straw and Plus Plastic Conical Tube with Preservative for Urinalysis	16x100 mm 8.0 mL	Conventional/ Red/Yellow	Ethyl Paraben, Sodium Propionate and Chlorhexidine Preservative	50/200

 Conventional Rubber Stopper

BD Vacutainer® Urine Bulk Products

Reference Number	Description	Tube Size/ Draw Volume	Closure Type/Color	Additive/ Concentration	Packaging Box/Case Quantities
364951	Bulk Tube: Plus Plastic C&S Preservative Tube	13x75 mm 4.0 mL	Conventional/ Gray	Boric Acid, Sodium Formate and Sodium Borate Preservative	100/1000
364958*	Bulk Tube: Plus Plastic C&S Preservative Tube	13x75 mm 4.0 mL	BD Hemogard™/ Olive Green	Boric Acid, Sodium Formate and Sodium Borate Preservative	100/1000
364992	Bulk Tube: Plus Plastic Conical Bottom Tube with Preservative for Urinalysis	16x100 mm 8.0 mL	Conventional/Red/ Yellow	Ethyl Paraben, Sodium Propionate and Chlorhexidine Preservative	100/1000
365017	Bulk Tube: Plus Plastic Round Bottom Tube with Preservative for Urinalysis	16x100 mm 8.0 mL	BD Hemogard™/ Yellow	Ethyl Paraben, Sodium Propionate and Chlorhexidine Preservative	100/1000
364980	Bulk Tube: Plus Plastic Conical Tube for Urinalysis	16x100 mm 8.0 mL	Conventional/ Yellow	No Additive	100/1000
364979	Bulk Tube: Plus Plastic Round Bottom Tube for Urinalysis	16x100 mm 10.0 mL	Conventional/ Yellow	No Additive	100/1000
366408	Bulk Tube: Plus Plastic No Additive (Z) Tube	13x100 mm 6.0 mL	BD Hemogard™/ Clear	No Additive	100/1000
364975	Urine Collection Cup with Integrated Transfer Device	—	—	—	200/Case
364966	Urine Transfer Straw	—	—	—	100/1000



BD Hemogard™ Closure



Conventional Rubber Stopper

* Coming soon



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Education Services

At BD, We pledge to

continually support the healthcare professional's need for high-quality educational tools and training assistance by providing these value-added programs.



Helping You Get the Most Value from Preanalytical Processes

When your facility selects BD Vacutainer® specimen collection products, it is getting more than just tools that are shown to provide clinical and economic benefits. Your institution also gains access to world-class technical support and educational services that can help derive maximum value and efficiency from hospital-wide sample collection and transport processes.

Training and Educating Your Staff

BD recognizes the importance of continuous learning in today's challenging healthcare environment. That is why we are committed to helping your institution achieve its educational goals and state-mandated requirements in a convenient, cost-efficient manner. Our comprehensive portfolio of training and educational tools and services includes:

- ✓ **S.P.I.R.I.T.®** (Safety Product In Service Resources Initiative Training) provides on-site healthcare workers training on BD Vacutainer® safety-engineered products
- ✓ **Web-based product training** provides course-completion certificates to help you maintain training and compliance records

Comprehensive educational catalog with products made available through strategic alliances with leading professional associations, authors and publishers, as well as items created exclusively by BD.

Helping You Achieve Quality and Compliance

Given the proliferation of technology, instruments, analytes, reagents and methods, your laboratory professionals have a need for information to validate results and comply with CAP and CLSI recommendations.



Clinical Documentation

More than 100 clinical studies on a vast array of BD Vacutainer® and BD Microtainer® products. **Also Available: Clinical Documentation Reference Manual**



Facts About Needlesticks

Prepared especially for nursing and phlebotomy staff members, these brochures contain facts about the dangers of needlesticks and the costs associated with them.



Videos

Instructional videos or CDs designed to aid in training healthcare workers on BD Vacutainer® specimen collection products.



Sample Collection Pocket Cards

Handy laminated pocket cards provide easy reference for: order of draw, tube additive guide, troubleshooting hints for blood collection, best sites for venipuncture and many more.



Quick Reference Cards

Handy pocket cards provide easy reference for using BD Vacutainer® specimen collection products.



Training Aids

BD foam baby foot training aid for heelstick technique.



LabNotes®

A newsletter, published by BD LifeSciences – Preanalytical Systems, to keep readers current on patient and healthcare worker safety, as well as new preanalytical trends/issues in the clinical laboratory. For online subscription information, please visit www.bd.com/vacutainer/labnotes.



TechTalk®

A news bulletin to address frequently asked technical questions, with a focus on reducing preanalytical variables.



Wall Charts

Instructional wall charts to help educate healthcare professionals.



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BD Laboratory Consulting Services







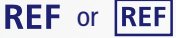





Our experienced consultants review and make recommendations involving all aspects of laboratory medicine to help your institution:

- Increase revenue
- Lower operating expenses
- Improve productivity
- Enhance patient care

For more information on these customized services, please call BD Technical Services at **1.800.631.0174**

Packaging Symbols Services

Handling Symbols

	Use By		<i>In Vitro</i> Diagnostic Medical Device
	Batch Code		Temperature Limitation
	Do Not Reuse		Manufacturer
	Catalog Number		Keep Away From Sunlight
	Method of Sterilization Using Irradiation		This End Up
	Consult Instructions For Use		Fragile, Handle With Care

Additive Symbols

K2E	EDTA - dipotassium salt
9NC	Tri-Sodium Citrate 9:1
FX	Fluoride and Oxalate
FE	Fluoride and EDTA
LH	Lithium Heparin
NH	Sodium Heparin
Z	No additive

BD Vacutainer® – The Trusted Leader in Quality and Supply

“Good Enough” is not an option for hospitals, laboratories and clinicians striving to provide optimal and efficient patient care. Medical products must deliver clinical value and meet stringent quality standards. With healthcare budgets tightening, the true cost of poor quality in specimen collection can ripple throughout your institution from the lab to virtually every department in your hospital—adding unwanted cost, inefficiency or even worse, harming patients and caregivers.

That is why we strive relentlessly to improve the quality of our products and services—a drive that has made BD the leader and most trusted provider of specimen collection products and services.

Certified and Tested

- Two on-site, fully equipped clinical laboratories with a wide range of instrument platforms to ensure compatibility with our products
- Four manufacturing facilities around the globe that are ISO 13485:2003 certified

A Disciplined, Data-Driven Approach

The foundation of our quality is Six Sigma—a rigorous, data-driven method directed at eliminating errors and defects in the design, production and delivery of our products and services.

We also employ other processes to plan, direct, measure and control quality, including:

- Robust design controls
- Control plan management
- Lean daily management
- Process validation
- Critical parameter management

In addition, our world-class supply chain management system helps ensure that BD suppliers maintain our quality standards.

Ensuring Total System Performance

To better serve our customers and ensure that our specimen collection products work optimally with today's leading diagnostic instrument platforms and assays, we formed an Instrument Company Liaison function to:

- Confirm acceptable mechanical and biochemical performance for new and existing products on all major instrument platforms
- Address and resolve potential tube-assay related issues
- Foster collaborative market and technology development initiatives

Assuring Supply

Product quality means little to clinicians if they do not have timely access to needed specimen collection products. That is why BD has invested extensively in a large manufacturing and distribution network.

With four dedicated manufacturing facilities around the world—including two large U.S. plants—BD has the ability to provide customers with unmatched service levels.



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BD Life Sciences – Preanalytical Systems

See the Total Value

To learn about BD Vacutainer® specimen collection products, educational materials or services offered by **BD Life Sciences** – Preanalytical Systems, please contact your local BD Sales Consultant today.

You can also contact us via:

BD Technical Services at **1.800.631.0174**

or **www.bd.com/vacutainer/contact**

BD Customer Service at **1.888.237.2762**

or visit us anytime online at **www.bd.com/vacutainer**



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