

BD Vacutainer™ Tube Guide



Indispensable to
human health

A full line of BD Vacutainer Blood Collection Needles, Needle Holders and Blood Collection Sets is also available.

BD Vacutainer™ Tubes With Hemogard™ Closure	BD Vacutainer™ Tubes With Conventional Stopper	Additive	Inversions at Blood Collection*	Laboratory Use	Your Lab's Draw Volume/Remarks
 Gold	 Red/Black	• Clot activator and gel for serum separation	5	BD Vacutainer™ SST™ Tube for serum determinations in chemistry. Tube inversions ensure mixing of clot activator with blood. Blood clotting time 30 minutes.	
 Light Green	 Green/Gray	• Lithium heparin and gel for plasma separation	8	BD Vacutainer™ PST™ Tube for plasma determinations in chemistry. Tube inversions prevent clotting.	
 Red	 Red	• None (glass) • Clot activator (plastic tube with Hemogard closure)	0 5	For serum determinations in chemistry and serology. Glass serum tubes are recommended for blood banking. Plastic tubes contain clot activator and are not recommended for blood banking. Tube inversions ensure mixing of clot activator with blood and clotting within 60 minutes.	
 Orange	 Gray/Yellow	• Thrombin	8	For stat serum determinations in chemistry. Tube inversions ensure complete clotting which usually occurs in less than 5 minutes.	
 Royal Blue		• Sodium heparin • Na ₂ EDTA • None (serum tube)	8 8 0	For trace-element, toxicology and nutritional-chemistry determinations. Special stopper formulation provides low levels of trace elements (see package insert).	
 Green	 Green	• Sodium heparin • Lithium heparin	8 8	For plasma determinations in chemistry. Tube inversions prevent clotting.	
 Gray	 Gray	• Potassium oxalate/sodium fluoride • Sodium fluoride/Na ₂ EDTA • Sodium fluoride (serum tube)	8 8 8	For glucose determinations. Oxalate and EDTA anticoagulants will give plasma samples. Sodium fluoride is the antiglycolytic agent. Tube inversions ensure proper mixing of additive and blood.	
 Tan		• Sodium heparin (glass) • K ₂ EDTA (plastic)	8 8	For lead determinations. This tube is certified to contain less than .01 µg/mL(ppm) lead. Tube inversions prevent clotting.	
 Yellow	 Yellow	• Sodium polyanethol sulfonate (SPS) • Acid citrate dextrose additives (ACD): Solution A - 22.0g/L trisodium citrate, 8.0g/L citric acid, 24.5g/L dextrose Solution B - 13.2g/L trisodium citrate, 4.8g/L citric acid, 14.7g/L dextrose	8 8 8	SPS for blood culture specimen collections in micro-biology. Tube inversions prevent clotting. ACD for use in blood bank studies, HLA phenotyping, DNA and paternity testing.	
 Lavender	 Lavender	• Liquid K ₃ EDTA (glass) • Spray-dried K ₂ EDTA (plastic)	8 8	K ₃ EDTA for whole blood hematology determinations. K ₂ EDTA for whole blood hematology determinations and immunohematology testing (ABO grouping, Rh typing, antibody screening). Tube inversions prevent clotting.	
 Pink		• Spray-dried K ₂ EDTA	8	For whole blood hematology determinations and immunohematology testing (ABO grouping, Rh typing, antibody screening). Designed with special cross-match label for required patient information by the AABB. Tube inversions prevent clotting.	
 Light Blue	 Light Blue	• .105M sodium citrate(≈3.2%) • .129M sodium citrate(3.8%) • Citrate, theophylline, adenosine, dipyridamole (CTAD)	3-4 3-4 3-4	For coagulation determinations. NOTE: Certain tests may require chilled specimens. Follow your institution's recommended procedures for collection and transport. CTAD for selected platelet function assays and routine coagulation determination. Tube inversions prevent clotting.	
Partial-draw Tubes Small-volume Pediatric Tubes (2ml and 3 ml: 13 x 75 mm) (2ml: 10.25 x 47 mm, 3ml: 10.25 x 64 mm)					
 Red	 Red	• None	0	For serum determinations in chemistry and serology. Glass serum tubes are recommended for blood banking. Plastic tubes contain clot activator and are not recommended for blood banking. Tube inversions ensure mixing of clot activator with blood and clotting within 60 minutes.	
 Green	 Green	• Sodium heparin • Lithium heparin	8 8	For plasma determinations in chemistry. Tube inversions prevent clotting.	
 Lavender	 Lavender	• Liquid K ₃ EDTA (glass) • Spray-dried K ₂ EDTA (plastic)	8 8	K ₃ EDTA for whole blood hematology determinations. K ₂ EDTA for whole blood hematology determinations and immunohematology testing (ABO grouping, Rh typing, antibody screening). Tube inversions prevent clotting.	
 Light Blue	 Light Blue	• .105M sodium citrate (≈3.2%) • .129M sodium citrate (3.8%)	3-4	For coagulation determinations. Tube inversions prevent clotting. NOTE: Certain tests may require chilled specimens. Follow your institution's recommended procedures for collection and transport of specimen.	

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