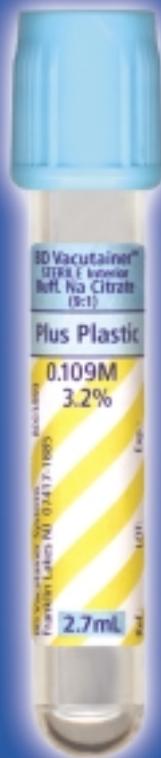




Indispensable to
human health

Introducing BD Vacutainer™ Plus Plastic Citrate Tube

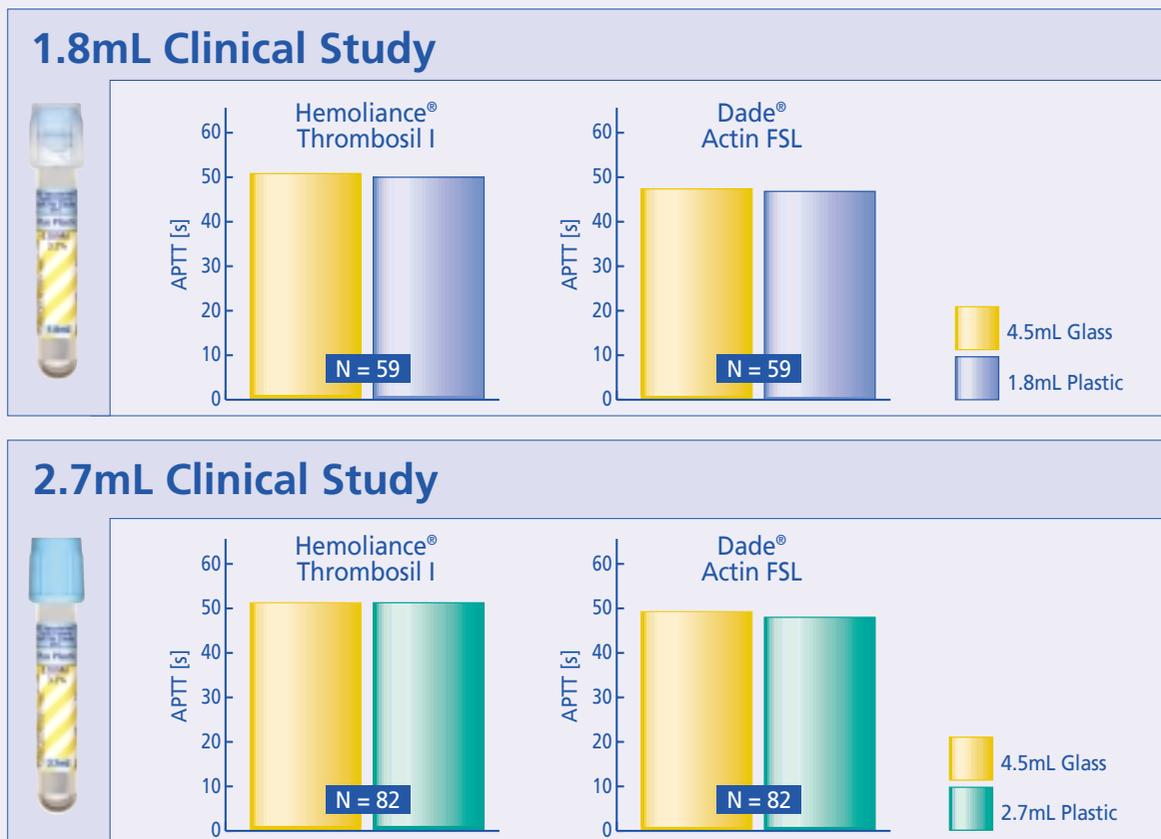


- **Innovative tube geometry** that *minimizes tube headspace and associated platelet activation* to optimize APTT monitoring of unfractionated heparin patients. You always get a full draw with standard outside tube dimensions, for 1.8mL and 2.7mL draw volumes.
- **Clinically equivalent performance** to the recognized global “Gold Standard”, the 4.5mL BD Vacutainer™ Glass Citrate Tube.
- **Clinically Proven** with multicenter clinical trials evaluating all routine coagulation tests on major patient populations, and utilizing widely used coagulation analytical systems.

BD Vacutainer™ Plus Plastic Citrate Tubes... Clinically equivalent performance to the BD Vacutainer™ “Gold Standard”

APTT results in patients treated with unfractionated heparin

The 1.8mL and 2.7mL 0.109M BD Vacutainer™ Plus Plastic Citrate Tubes yielded clinically equivalent mean APTT clotting times when compared to the “Gold Standard” BD Vacutainer™ 0.105M Glass Sodium Citrate Tube for patients treated with unfractionated heparin, using two APTT reagents.



Number of patients are indicated for each tube/reagent combination. These data represent a subset of the total patient population of over 1000 tested during the product development process.

PT results and INR results in patients treated with Warfarin

The 1.8mL and 2.7mL 0.109M BD Vacutainer™ Plus Plastic Citrate Tubes yield clinically equivalent mean PT clotting times and INR values when compared to the “Gold Standard” BD Vacutainer™ 0.105M Glass Sodium Citrate Tube for Warfarin donors with two tested PT reagents (Hemoliance® Brain Thromboplastin and Dade® Innovin®).

PT results and APTT results in normal patients

The same tubes also yielded clinically equivalent mean PT and APTT clotting times when compared to the “Gold Standard” BD Vacutainer™ 0.105M Glass Sodium Citrate Tube in normal patients with both PT reagents as well as APTT reagents.

Reference: VS5936 Evaluation of 0.109M 2.7mL and 1.8mL BD Vacutainer™ Plus Plastic Sodium Citrate Tubes using the Electra 1400C™ Analyzer.

Clinical Documentation*

ASSAYS

- Anti-Heparin Xa
- APTT
- Fibrinogen
- Platelet Counts
- PT

INSTRUMENTATION

- Coulter® STKS™
- Dade Behring BCS™
- Diagnostica Stago STA®
- IL Electra 1400C™
- IL Futura™
- Sysmex® 1500C
- Sysmex® K1000

REAGENTS

- Dade® Actin® (FS, FSL)
- Dade® Innovin®
- Dade® Thromboplastin C Plus
- Hemoliance® Brain Thromboplastin
- Hemoliance Thrombosil™ I
- IL Test™ APTT-SP
- IL Test™ PT-Fibrinogen HS Plus
- Stachrom® Heparin Xa reagent
- STA® Fibrinogen

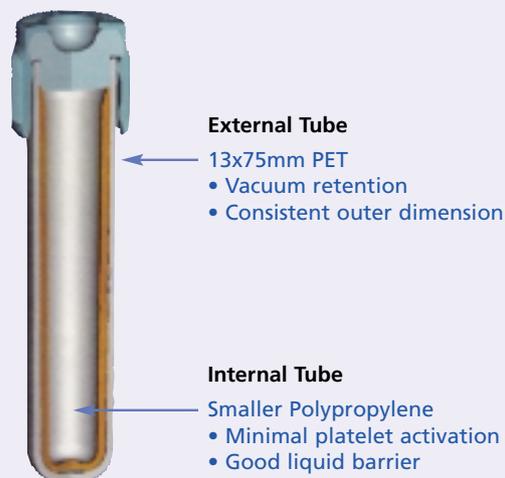
The BD Vacutainer™ Plus Plastic Citrate Tubes were designed to meet the needs and demands of today's market.

Outer Tube

- Consists of **PET** (Polyethylene Terephthalate), the virtually unbreakable material used for all BD Plastic Tubes.
- Retains vacuum, maintaining proper blood to additive ratio.
- Consistent 13x75mm plastic tube external dimensions in both draw volumes.
- Standard light blue BD Hemogard™ closure for 2.7mL tubes.
- Clear BD Hemogard™ closure for 1.8mL tubes.

Inner Tube

- Consists of **Polypropylene**, a specialized non-activating surface.
- Retains liquid additive, maintaining the proper blood to additive ratio and citrate concentration.
- Varying inside diameter maintains the same minimized headspace across all draw volumes.
- Full draw specimen in both 1.8mL and 2.7mL volume tubes.



BD Vacutainer™ Plus Plastic Citrate Tube

	Catalog #	Tube Dimension	Hemogard™ Closure	Draw Volume	Citrate Concentration	Label Type	Packaging
	363083	13x75mm	Shield: Solid Lt. Blue Rubber Stopper: Lt. Blue	2.7mL	0.109 Molar/3.2%	Paper	100/box 1000/case
	363080	13x75mm	Shield: Translucent Clear Rubber Stopper: Lt. Blue	1.8mL	0.109 Molar/3.2%	Paper	100/box 1000/case

Other BD Vacutainer™ Safety Products:



BD Eclipse™ Blood Collection Needle



BD Safety-Lok™ Blood Collection Set



BD Vacutainer™ Plus Plastic Tubes



BD™ Single Use Holder



BD™ Blood Transfer Device



BD Quikheel™ Lancet



BD Genie™ Lancet



BD™ Urine Analysis Preservative Tubes

Technical Service: 800.631.0174
Customer Service: 888.237.2762



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Preanalytical Solutions

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