

Beaumont Laboratory

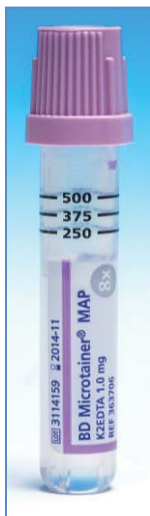
**Order of Draw for Capillary Puncture
Collected with Microtainers during a Fingertick or Heelstick**

ALWAYS CHECK MICROTAINER TUBE EXPIRATION DATES BEFORE USE

CAP / COLLAR COLOR	DRAW VOLUME	CONTENTS / PURPOSE
Lavender	250-500 µL	K ₂ EDTA – 8x inversions For whole blood hematology determinations.
Gold	400-600 µL	Clot Activator and Gel for serum separation – 5x inversions For serum determinations in chemistry.
Red	250-500 µL	No additive – zero inversions For serum determinations in chemistry, serology and blood bank.

**** Note: This is inverse of the venipuncture Order of Draw.****

The EDTA specimen is collected first to ensure adequate volume and accurate hematology test results.



Recommended Capillary Blood Draw Volumes based on Hematocrit

TEST / TEST GROUP	CAP COLOR	FILL VOLUME	
		Hct < 45%	Hct ≥ 45%
CBC with or without differential	Lavender	0.3 mL	0.3 mL
CBC and Reticulocyte Count	Lavender	0.5 mL	0.5 mL
Bilirubin (Neonatal and Direct)	Gold (SST)	0.4 mL	0.7 mL
Bilirubin (Neonatal), Calcium, Sodium, Potassium, Chloride, CO ₂	Gold (SST)	0.7 mL	1.0 mL
Chemistry Panels (Basic Metabolic Panel, Comprehensive Metabolic Panel, Hepatic Panel, Nutrition Panel, Renal Function Panel)	Gold (SST)	0.7-1.4 mL	1.4-2.0 mL
Phenobarbital and Theophylline	Red (non-SST)	0.7 mL	1.0 mL