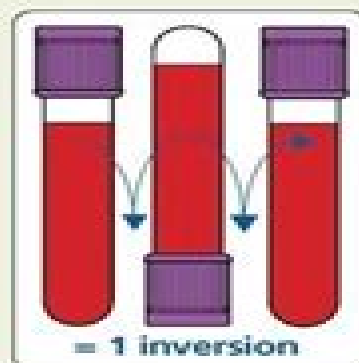


Phlebotomy Order of Draw

Tube Closure Color	Collection Tube	Mix by Inverting	Min. Clot Time
	 Blood Cultures – SPS	8 to 10 times	N/A
	 Citrate Tube (Light Blue)	3 to 4 times	N/A
	 Serum Separator Tubes (Gold and Tiger)	5 times	30 minutes
	 Serum Tube (Red)	5 times (plastic) None (glass)	60 minutes
	 Rapid Serum Tube (Orange)	5 to 6 times	5 minutes
	 Plasma Separator Tube	8 to 10 times	N/A
	 Heparin Tube (Green)	8 to 10 times	N/A
	 EDTA Tube (Lavender)	8 to 10 times	N/A
	 PPT Separator Tube (Pearl)	8 to 10 times	N/A
	 Fluoride Tube (Gray)	8 to 10 times	N/A

Note: Always follow your facility's protocol for order of draw



When using a winged blood collection set for venipuncture and a coagulation (citrate) tube is the first specimen tube to be drawn, a discard tube should be drawn first. The discard tube must be used to fill the blood collection set tubing's "dead space" with blood but the discard tube does not need to be completely filled. This important step will ensure proper blood-to-additive ratio. The discard tube should be a nonadditive or coagulation tube.

Framework Tube Recommendations

Kathryn Panasci, Kristin C. Greenwood



Framework Tube Recommendations:

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Handbook of Practical Medicine: Diseases of the circulatory and respiratory apparatus Hermann Eichhorst,1886

Dental Clinics of North America ,1989

Kirkes' Handbook of Physiology William Senhouse Kirkes,William Morratt Baker,Vincent Dormer Harris,1886

Children and Young People's Nursing at a Glance Alan Glasper,Jane Coad,Jim Richardson,2014-11-17

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locomotives of india wikipedia - Sep 08 2023

web the indian railways primarily operates a fleet of electric and diesel locomotives along with several compressed natural gas cng locomotives steam locomotives are operated on a few world heritage sites and also run occasionally as heritage trains a locomotive is also known as a loco or more popularly as an engine

diesel electric locomotives indian railway - May 04 2023

web heritage inventory of indian railways diesel electric locomotives s no details location railway 1 wag5 clw 23000 built 1984 els bhusawal cr 2 wam4 clw 21399 built 1983 els bhusawal cr mg diesel loco no ydm4 6200 mysuru rail museum swr 83 ng diesel loco no 158 khurai wcr 84 zdm5 502