Blood Culture Volume Recommendations

Weight	Total Aerobic Blood Volume		Total Anaerobic Blood Volume *if clinically indicated*		Total Fungal/TB Blood Volume *if clinically indicated*	
	Total volume (mL)	**Type / number of bottles**	**Total volume (mL)**	**Type / number of bottles**	**Total volume (mL)**	**Type / number of bottles**
Less than 1kg	0.5 - 1 mL	1 yellow bottle	0.25 mL	1 orange bottle	1 mL	1 red bottle
1 kg to less than 2 kg	1 – 2 mL	1 yellow bottle	0.5 mL	1 orange bottle	1 mL	1 red bottle
2 kg to less than 3 kg	2 – 3 mL	1 yellow bottle	1 mL	1 orange bottle	1 mL	1 red bottle
3 kg to less than 4 kg	3 – 4mL	1 yellow bottle	1.5 mL	1 orange bottle	1 mL	1 red bottle
4 kg to less than 5 kg	4 – 5 mL	1 yellow bottle	2 mL	1 orange bottle	1 mL	1 red bottle
5 kg to less than 8 kg	5 – 8 mL (Ideally 1 mL/kg)	2 yellow bottles*	2.5 - 4 mL (Ideally 0.5 mL/kg)	1 orange bottle	2 mL	1 red bottle
8 kg to less than 24 kg	8 mL	2 yellow bottles 4 ml in each	4 – 10 mL (Ideally 0.5 mL/kg to max of 10 mL)	1 orange bottle	3 mL	1 red bottle

** **NOTE:** The total volume for aerobic blood culture can be drawn from a single site or divided between multiple sites. (For example; if per weight it is recommended to draw 3mL total and the patient needs peripheral and from each lumen of a UVL. Then, you need 1mL from peripheral, 1mL from distal lumen and 1mL from proximal lumen.

Table 2. Discard volumes for neonatal vascular access devices (VAD)

Type of VAD	Patient weight	Minimal discard volume
PICC	Less than 10 kg	1.5 ml
UVL	Any weight	1.5 ml
Short-term CVL (eg. Jugular)	Any weight	1.5 ml
Tunneled CVL (eg. Broviac)	Less than 10 kg	1.5 ml