

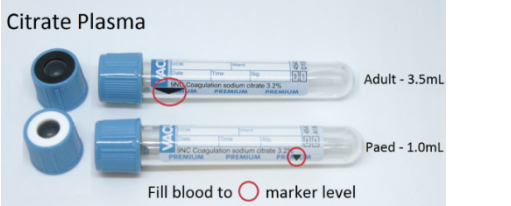


Neonatal collection – minimum blood volumes

This table has been created to assist with neonatal collections where minimum blood volumes are of a critical nature. It is not intended for general use.

Using the minimum volumes for general use will affect the efficiency of the whole laboratory as small volumes may require manual processing.

1. The absolute minimum volumes stated are based on a full term infant of normal weight and a normal haematocrit.
2. Pre-term babies or those with a known elevated haematocrit will require larger volumes.
3. Volumes DO NOT allow for duplicate or repeat testing (e.g. to check a result)

	Serum					Instruction
Minimum volume to be collected 0.6mL	UEC, SBR, CRP, LFT, CA, MG, PHOS	IRON	TSH, FT4 AFP, FSH, LH, GENTAMICIN TOBRAMYCIN VANCOMYCIN PHENYTOIN PHENOBARBITONE	METHOTREXATE - requires a separate tube wrapped in foil.		Mix tubes after collection by gently inverting 6- 8 times
Extra blood required	Nil	0.6mL per test	0.3mL per test	0.6mL		
	EDTA					
FBE	RETICS (no extra when combined with an FBE)	BLOOD GROUP /DAT	G6PD SCREEN	PTH		Mix tubes after collection by gently inverting 6- 8 times
0.3 mL	0.3 mL	0.1 mL	0.1mL	1 mL		
	CITRATE					
Any combination of COAG SCREEN, INR, APTT, FIBRINOGEN (derived) 1 mL						Mix tubes after collection by gently inverting 6- 8 times

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RELATED PROCEDURE OR GUIDELINE

[Venepuncture - Blood specimen collection](#)

KEYWORDS

Neonatal, blood, tube, collection

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