

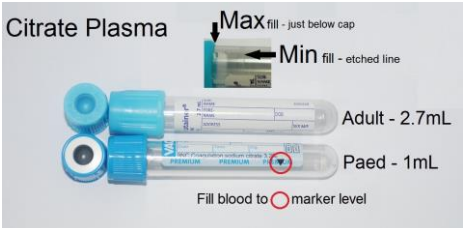


This table has been created to assist with neonatal collections where minimum blood volumes are of a critical nature. It is not intended for general use. Using the minimum volumes for general use will affect the efficiency of the whole laboratory.

SERUM					
 <p>Serum (GEL) Adult - 5mL Paed - 0.6mL</p>	<p><b>Minimum volume to be collected 0.6mL</b></p>	<p>UEC, SBR, CRP, LFT, CA, MG, PHOS</p>	<p>IRON</p>	<p>TSH, FT4 AFP, FSH, LH, GENTAMICIN TOBRAMYCIN VANCOMYCIN PHENYTOIN PHENOBARBITONE</p>	<p>METHOTREXATE - requires a separate tube wrapped in foil.</p>
	<p>Extra blood required</p>	<p>Nil</p>	<p>0.6mL per test</p>	<p>0.3mL per test</p>	<p>0.6mL</p>
EDTA					
 <p>EDTA Adult - 4mL Child - 2mL Paed - 0.5mL</p>	<p>FBE</p>	<p>RETICS (no extra when combined with an FBE)</p>	<p>BLOOD GROUP /DAT</p>	<p>G6PD SCREEN</p>	<p>PTH</p>
	<p>0.3 mL</p>	<p>0.3 mL</p>	<p>0.1 mL</p>	<p>0.1mL</p>	<p>1 mL</p>
CITRATE					
 <p>Citrate Plasma Max fill - just below cap Min fill - etched line Adult - 2.7mL Paed - 1mL Fill blood to marker level</p>	<p>Any combination of COAG SCREEN, INR, APTT, FIBRINOGEN (derived)</p>				
	<p>1 mL</p>				

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).

**Related procedure**

[Venepuncture - Blood specimen collection](#)

**Keywords or tags**

Neonatal, blood, tube, collection

**Document Management**

**Policy supported:** [Safe and Effective Person Centred Care](#)

**Executive Sponsor:** Chief Medical Officer

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