



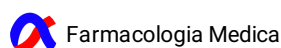
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PLASMA- 01 - Plasma separation from human whole blood

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1 Works for me dx.doi.org/10.17504/protocols.io.bmhyk37w



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MATERIALS TEXT

Plastic disposables

EQUIPMENT

NAME	CATALOG #	VENDOR
Allegra AVANTI 30	Beckman Italy	Beckman Coulter

BEFORE STARTING

In order to prevent blood clotting during blood sampling, the addition of an anticoagulant (EDTA, sodium citrate or heparin) in the tubes is needed. Check for the presence of an anticoagulant in vacuum-sealed tubes used for blood sampling.

- 1 Put whole blood (at least **1.5 mL**) into a 5 mL tube.
- 2 Centrifuge at **1400 x g, Room temperature , 00:05:00**



Allegra AVANTI 30

Centrifuge

Beckman Coulter Beckman Italy

- Carefully collect the supernatant (plasma). Do not touch the red pellet on the bottom.



≤ **85%** of plasma should be retrieved to avoid contamination by the underlying cell pellet.

- Store plasma at -80°C until use. Defrost only once.

5 EXPECTED RESULTS



Expected plasma yield is approximately 50% of whole blood volume.