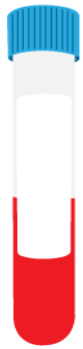


1

The blood sample you are about to work on was collected in a **purple-top tube**



Blood with Anticoagulants

Centrifuge at **3000 rpm for 10 minutes**



Plasma

Buffy coat (WBCs and platelets)

RBCs

2

.....ml Plasma + ml saturated **NaCl** solution

Add an **equal volume** of saturated NaCl to the plasma

Centrifuge at 5000 rpm/10 min

Transfer the supernatant into another test tube

Dissolve the precipitate in 1 ml 0.9% saline

Biuret test
1 ml + 1ml Biuret

.....ml supernatant + ... ml saturated **ammonium sulphate** solution

Centrifuge at 4000 rpm /7 min

Transfer the supernatant in to another

Divide the filtrate into **2 tubes**

Dissolve the precipitate in 2ml 0.9% saline

Salting out
(Tube A) Add **solid** ammonium sulphate

Heat Coagulation Test
(Tube B) 1 ml + drops of 2M acetic acid

Biuret test
1 ml + 1ml Biuret
(Tube A)

Heat Coagulation Test
(Tube B) 1 ml + drops of 2M acetic acid