









Blood collection

- ◆ Fill 2x 50ml syringes without luer lock with 5ml each of sterile ACD-A anticoagulant
- ◆ Prepare the horse's jugular vein for aseptic blood collection
- ◆ Aspirate 35ml of blood into both 50ml syringes until they are filled to 40ml
- ◆ Rotate the syringes several times so that the blood is well mixed with the anticoagulant

2 Centrifugation to remove blood cells from the plasma

- ♦ Fill all blood tubes with the collected blood
- ◆ Place the red blood tube holders opposite to each other in the centrifuge
- ◆ Place the blood tubes in these holders
- ◆ Centrifuge at 1,400 G (3,400 RPM) for 10 minutes
- ◆ After centrifugation, disinfect the septum of the blood tubes with the supplied alcohol wipe
- ♦ Connect the vacutainer holder to the 50ml syringe with luer lock
- ◆ Aspirate all plasma from the blood tubes into this 50 ml syringe

3 Centrifugation to purify for alpha 2 macroglobulins

- ◆ Carefully divide the plasma into the supplied 2 tubes for ultracentrifugation
- ◆ Place the blue tube holders opposite to each other in the centrifuge
- ◆ Place the filled tubes in these holders
- ◆ Centrifuge at 1,400 G (3,400 RPM) for 10 minutes
- ◆ After centrifugation, disinfect the septum of the blood tubes with the supplied alcohol wipe
- ◆ Aspirate the plasma from each tube with a long needle into a 20ml (syringe not included)
- ◆ Connect the red adapter to the syringe for easy distribution to other syringes
- ♦ Use sterile gloves and aseptically prepare the application site



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