

Central Diagnostic Laboratory

Hematology / Physiology Unit

1 - Blood samples must be taken by Veterinarians personally.

2 - Tubes, needles and all kinds of materials to be used in blood drawing should be sterilized.

3 - For small animals such as cats and dogs, sample amount may be 5 ml; horses and cows, \approx 10 ml

4 - Vacuum tubes containing the appropriate anticoagulant substance should be used for the blood samples to be sent.

- Purple cap vacuum tube containing K3EDTA for full blood analysis (red blood cell, white blood cell count, hemoglobin amount, hematocrit, white blood cell formula)

- Hemorrhage-Clotting time constant (aPPT, PT) Blue-capped vacuum tube containing Na₃-Citrate

- Black cap vacuum tube containing 0.4 ml of 0.129mol / L Na₃-Citrate for red blood cell sedimentation rate (sedimentation)

- Use a green capped vacuum tube containing Li / NH₄ Heparin for Blood Gases

5 - The appropriate anticoagulant vacuum tube blood at least 5-6 times slowly up- down and clot formation should be prevented.

6 - Information about the animal (name and / or code number) on the tubes should be written.

7 - The blood should be delivered to the diagnostic laboratory immediately or at the latest within 24 hours after receipt and kept at +4 °C (refrigerator) during waiting time.

8 - If any hematological tests are required in the blood samples submitted to the Central Diagnostic Laboratory for analysis, the information about the disease should be clearly indicated, the date of

blood collection and the analyzes requested shall be written on the relevant form and signed and / or culled by the veterinarian who receives the blood sample.

9- If the blood samples to be sent the laboratory for analysis from outside of the Ankara University Animal Hospital, package must be clean, unbroken.

10 – After arriving, the blood samples are checked to be sure that the blood is collected in the compatible tubes with the lab technicians.

12 - Blood samples containing hemolysis or fibrin clot are not accepted.