

Central Diagnostic Laboratory

Biochemistry Unit

- Whether or not the incoming sample has arrived at the lab under the appropriate conditions
- The samples should have fulfilled the conditions given in the attached list, depending on what the requested tests are
- Blood samples to be sent in the cold chain should be separated from the shaped elements by centrifugation.
- Blood samples should be taken after fasting for 8-12 hours.

Identification (Correct Barcode)

It is essential that each sample is described with some information that should be carried on the label when it arrives in the laboratory and that the request form must be filled completely. The date and time of receipt of the patient's name and surname, the age, sex and species of the animal. This information is checked and the samples are delivered to the laboratory.

Appropriate Sample Case

Each sample should be sent to the laboratory in the most appropriate and defined container (blood tubes, urine containers, gaita containers, etc.). Samples sent with different sample containers will not be delivered.

Sample Volume

In Routine, minimum sample size should be 2-5 ml. Samples below this amount should be returned. For Urine Sample, the amount should be at least 5-10 ml. All vacotainer tubes have the point where they are marked on. Samples that are not filled to the mark are returned.

Hemolysis

Many tests have adversely affected by hemolysis. For this reason, hemolyzed blood samples should not be accepted in the laboratory. If this is not the case, the sample is rejected and the unselected hemolyzed samples are registered in the sample reject area, which is present in the sample record, after being checked and centrifuged again. The person who sent the sample or the department is informed and a new sample is requested.

Points to Note

- 1) The correctness of the label information on the incoming samples should be checked.

- 2) Correct patient - Correct entry - the appropriate sample - at the appropriate time - is deemed adequate.

- 3) If there are no cracks in the transport containers and tubes , the samples are accepted.

- 4) Incompatible samples (eg Calcium assay in EDTA) are not accepted.

- 5) The required fasting period is important for test results.

- 6) Culture can not be done in urine samples which are kept for 24 hours or more.