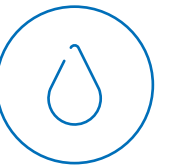


Sample Submission Quick Reference Guide



Sample Type and Testing

Whole Blood for Hematology

Serum for Chemistry, Immunology, and Endocrinology

Citrated Plasma for Coagulation

Serum or Plasma for Storage and Shipment

Tube Types



Mini EDTA 200 µL



EDTA tube 1.3 mL



Microfuge Tube
Non-additive plastic tube



Mini SST
Contains clot activator to separate clot from serum



Mini Citrate 1.3 mL



Citrate tube 2.7 mL



Microfuge Tube
Sample transfer tube, non-additive plastic tube for transport

Sample Handling

Promptly fill and thoroughly mix. Observe fill lines to achieve proper blood to anticoagulant ratio. Mix by gently inverting tube 8-10x to prevent clotting and hemolysis. Label the tube with sample ID and collection date. If collecting blood from one animal into multiple different tubes fill EDTA tubes last to avoid contaminating other sample tubes with EDTA.

Let specimen clot ~30 minutes, then centrifuge at 1,000-2,000g for 10 minutes.

Afterwards, promptly pipette serum off of cells or gel layer and into an empty microfuge tube. Label the tube with sample ID, collection date, and sample type (i.e. serum).

Promptly fill and thoroughly mix. Fill tube to appropriate fill line to achieve proper blood to anticoagulant ratio. Mix by gently inverting tube 10x to prevent clotting and hemolysis. Centrifuge as soon as possible at 1,000-2,000g for 10 minutes. Pipette plasma off of cells and into a microfuge tube. Label the tube with sample ID, collection date, and "citrated plasma".

Refer to the sample handling directions for the appropriate sample type.

Sample Storage

Refrigerate at 2-8°C. Do not freeze.

Store samples refrigerated at 2-8°C if shipping within 24 hours of collection. Otherwise, freeze samples in transport tubes at -20°C.

Freeze at -20°C.

Refer to the sample storage directions for the appropriate sample type.

Sample Shipping

Ship refrigerated on cold packs, ideally same day. Samples received 72 hours or more post collection may show significant degradation that can affect results. Ensure samples do not come into direct contact with cold packs during shipment. Samples can be placed within an internal container to prevent freezing.

If shipping within 24 hours of collection, samples can be shipped refrigerated on cold packs. If frozen in storage, ship samples frozen on cold packs or dry ice.

Ship samples frozen on dry ice.

Refer to the sample shipment directions for the appropriate sample type.

