



Preparation of Plasma for Complement Testing

Specimen: Plasma

Tube size: Generally smallest tube size available is sufficient, but if ordering multiple test, verify with Laboratory

Tube Type: Lavender top, K2 or K3 EDTA

Plasma Collection and Processing Guidelines

1. Collect plasma from whole blood drawn in appropriate Vacutainer tube. Place tube on wet ice until can be centrifuged. This time should not exceed 2 hours; 1 hour is preferred
2. Separate plasma by centrifugation ~ 2700 RPM ($1300 \pm 100 \times g$) for 10 minutes in a centrifuge set to $+4^{\circ}\text{C}$ centrifuge at. Room temperature centrifuge acceptable if refrigerated centrifuge is not available, but do not place specimen on ice prior to centrifugation if using a room temperature centrifuge.
3. Specimen may need to be centrifuged a second time if cells are transferred with the plasma.
4. Affix tube labels to the cryogenic storage tube(s). Labels two identifiers including patient name and items sufficient to connect to requisition.
5. Aliquot as necessary at this point. Thawing to aliquot after freezing with determinately affect testing results.
6. Immediately transfer the samples to a -80° or lower freezer. If the specimen is so stored and not additionally freeze/thawed the samples are stable for at least 12 months.

Shipment Guidelines

1. Ship for overnight delivery
2. Use ample dry ice. We recommend at least 10 lbs to allow for specimen survival even if there is a delay in shipment.
3. Ship only Sunday through Thursday for delivery Monday through Friday
4. Exsera BioLabs is not staffed for weekend deliveries
5. Shipping address:

Exsera BioLabs, Room M20-3209
University of Colorado Denver, Mail Stop B115
1775 N. Aurora Court,
Aurora Colorado 80045

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