

Serum and Plasma Collection & Sample Shipping and Handling Instructions

Please use the most current version of our Requisition Form to request drug concentrations. Complete one column of information for each drug to be assayed. Photocopies of the requisition can be made as needed.

In order for our lab director, Dr. Charles Peloquin, to provide the most comprehensive interpretation of your patient's results, please fill out the requisition in its entirety with the most accurate information available.

Please note that all specimens sent to our laboratory must comply with the Federal and IATA shipping regulations.

Thank you for choosing The University of Florida.

Serum and Plasma Collection:

Two milliliters of serum (collect 5ml of blood) are required per test.

- Patients should come to clinic with their medications.
- No medication should have been taken since the previously scheduled doses (12 to 24 hours prior for TB drugs, for example).
- Observe the patient taking the medication and record the exact date, time and dosage taken.
- Recommended draw times for each drug are listed on the Requisition Form.
- Using a plain red top vacuum tube, collect blood at the appropriate times. (Though plain red top tubes are preferred, as an alternative for most drugs a green top tube can also be used. Exceptions include streptomycin and capreomycin which need plain red top tubes only and vitamin D either plain red top tube or purple top tube only.)
 - For many drugs, a 2-hour peak sample will be collected. You can consider a second blood draw 6 hours post dose to rule out late absorption, or to determine the serum half-life for certain drugs that have short half-lives, such as Isoniazid and Rifampin.

INFECTIOUS DISEASE PHARMACOKINETICS LABORATORY

1600 SW Archer Rd., P4-30

Gainesville, FL 32610

Phone: 352-273-6710 Fax: 352-273-6804

E-mail: peloquinlab@cop.ufl.edu

Website: <http://idpl.cop.ufl.edu>



- For most HIV and anti-fungal drugs, the preferred time of draw is a pre-dose trough.
- For streptomycin, please tell us if the patient is also receiving Ampicillin.
- After the blood clots, centrifuge the samples, harvest the serum into labeled polypropylene (or polyethylene) tubes, and freeze (-70°C is preferable, if available). Use a different tube for each test and time of collection.
- Label the tubes with the patient's name, date and time of collection, and the drug(s) to be assayed.

Sample Shipping and Handling:

- Place samples in a zip-lock plastic bag and pack upright in a Styrofoam box (about 10 cubic inches in size) with at least 5 lbs. of dry ice.
- Include the Requisition Form in a plastic bag and tape to the outside lid of the box.
- In order for the test to be performed the billing portion of the requisition must be completed. We are unable to bill third party patient insurance plans.
- Ship samples via **overnight** delivery to arrive Monday through Friday. We do not accept deliveries on Saturday or Sunday. Shipping Monday – Wednesday is recommended. Please ensure the delivery courier chosen accepts dry ice packages.

Address the package to:

Infectious Disease Pharmacokinetics Laboratory

Dr. Charles Peloquin, Pharm D.

University of Florida

1600 SW Archer RD., P4-30

Gainesville, FL 32610

**If you have questions please call the
Infectious Disease Pharmacokinetics Laboratory at
(352) 273-6710.**