

Blood Specimen Collection

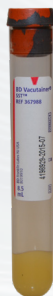
The proper specimen collection technique is very important in identifying pathogens from DNA. Medical Diagnostic Laboratories provides the specimen collection kits for your convenience when submitting whole blood and serum specimens.

Whole Blood: Yellow Top (ACD solution A)



- In accordance with the standard operating procedure of your facility, collect blood in two yellow top (ACD solution A) tubes.
- Allow the tubes to fill properly to ensure the proper blood to anticoagulant ratio.
- Invert gently several times to mix and prevent clot formation. Do not shake the tubes. Do not centrifuge.
- Label the vials with a minimum of two patient identifiers such as patient name and date of birth.
- For packaging and shipping instructions, please refer to the back.

Serum: Serum Separator Tube



- In accordance with the standard operating procedure of your facility, collect blood in a serum separator tube (SST).
- Label the vial with a minimum of two patient identifiers such as patient name and date of birth.
- Allow the specimen to clot at room temperature for a minimum of 30 minutes.
- Centrifuge the specimen at room temperature at a speed of 1000 to 1300 RCF for 10 minutes in a swinging bucket centrifuge and 15 minutes in a fixed-angle centrifuge.
- For packaging and shipping instructions, please refer to the back.

Collection Kits:

Whole Blood



Testing:

- Real-Time PCR
- Pyrosequencing
- Next Generation Sequencing

Serum



Testing:

- ELISA
- IFA
- Western blot

Whole Blood & Serum



Testing:

- Real-Time PCR
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- Next Generation Sequencing
- ELISA
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- Western blot



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A DIVISION OF



Packaging MDL Specimens for FedEx Pick-up.

1

Insert labeled vial into mailer.



Insert the mailer into biohazard bag.

Be sure to include a completed test requisition form for each specimen in the front pocket of the biohazard bag.



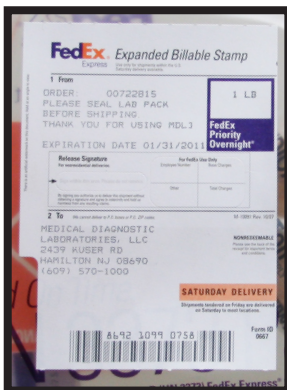
3

Insert sealed biohazard bag into the prepaid FedEx Lab Pack envelope. One Lab Pack will accommodate 6-7 Styrofoam containers.



Remove FedEx receipt inside Lab Pack for your records.

Don't forget to seal the Lab pack!



Verify that a preaddressed airbill is attached to ensure proper delivery.