

Directions for Running ALT, Lipid Profile & A1C on the Same Patient

If you want to run an ALT, Lipid Profile and an A1C test on a patient and you only want to perform one fingerstick, follow these directions:

Timing is critical, be sure to have the following available and ready:

Cholestech ALT and lipid cassette	Alcohol swabs	Biohazard waste container
Cholestech A1C cartridge	Lancets	Gauze Sponges
Cholestech Capillary Tubes and Plungers	Latex gloves	

Follow the instructions

1. Place plungers into two capillary tubes.
2. Remove the room temperature ALT cassette from its pouch and place on the table.
3. Place an A1C cartridge into the GDX Analyzer and follow the prompts to turn it to the first position. The red-capped tube will pop up.
4. Perform the fingerstick, making sure there is good blood flow. Wipe off the first large drop.
5. Fill the capillary tube within 10 seconds and immediately dispense the sample into the ALT cassette. Place the cassette in the LDX tray and push the RUN button.
6. Wipe any remaining blood off the finger and fill the second capillary tube within 10 seconds.
7. Let the second capillary tube sit on the table until the ALT test is complete and the tray is open. Results will print.
8. While the ALT test is running, wipe any remaining blood off of the finger and fill the MicroSafe[™] pipette to the black line. Immediately dispense the sample into the red-capped tube from the A1C cartridge and follow the prompts for completion of the test.
9. The A1C test and the ALT test will be completed at approximately the same time. The ALT result will print. Record the A1C result. Dispose of the A1C cartridge in the biohazard container.
10. While the ALT results are printing, remove the ALT cassette from the tray. Place it in a biohazard container. Push the RUN button so the LDX will be ready for another test. Remove the room temperature Lipid Profile cassette from its pouch and place it on the table.
11. Dispense the sample from the second capillary tube into the well of the Lipid Profile cassette.
12. Immediately place the Lipid Profile cassette into the LDX tray and push the RUN button.
13. When the tray opens, remove the cassette and place it in a biohazard container.
14. Results will print.

Notes:

- **Please follow your instructions provided in the package insert that was included with the cartridges and cassettes test you are using and your analyzers' User Manual.**
- **A good fingerstick with adequate blood flow is critical to obtaining sufficient sample for running both tests. If there are any problems filling the capillary tube or MicroSafe pipette it would be better to perform a second fingerstick to obtain adequate sample.**
- **Follow the fingerstick suggestions in the Testing Procedure section of the LDX User Manual.**
- **The blood for the Lipid Profile test should not sit in the cassette before the cassette is placed in the LDX tray.**
- **Place all capillary tubes, MicroSafe pipettes, cassettes, cartridges, and lancets in biohazardous waste containers after use.**
- **Timing is critical, the second sample should not sit in the capillary tube for more than 5 minutes.**
- **Do not run the Lipid Profile cassette before the ALT cassette.**

Please call Cholestech Technical Service if you have questions about this procedure.

800.733.0404

510.732.7200