



AFINION™ LIPID PANEL QUICK REFERENCE GUIDE



Preparing for analysis

AFINION™ Lipid Panel Test Cartridge

- Store the test kit refrigerated (2-8°C) until the expiry date or at room temperature (15-25°C) for maximum 14 days.
- The test cartridge must reach a temperature of 18-30°C before use; leave the unopened foil pouch on the bench for approximately 15 minutes.
- Open the foil pouch immediately before use. Avoid exposure to direct sunlight.
- Hold the test cartridge by the handle.
- While holding the test cartridge by the handle, turn it upside-down once and return to normal position before use.

Patient Sample

- Capillary blood directly from finger.
- Venous whole blood (with EDTA or heparin), serum or plasma.
- Capillary samples cannot be stored. Venous whole blood with anticoagulants (EDTA or Heparin) can be stored up to 4 hours at room temperature (15-25°C) or refrigerated (2-8°C) for 4 days. Serum and plasma can be stored refrigerated for 10 days.

AFINION™ Lipid Panel Control

- Store the controls refrigerated (2-8°C). Opened controls are stable for 8 weeks.
- The controls can be used directly from the refrigerator.
- The measured value should be within the acceptable range stated in the Afinion™ Lipid Panel Control Package Insert.
- Consult the package insert for recommended frequency of control testing.

AFINION™ 2 Analyzer

- Switch on the analyzer and optionally enter the operator ID.
- Analyse patient samples and controls following the test procedure on the reverse side.
- An information code might be displayed during analysis. The possible causes and actions to take are listed in the **AFINION™ 2 Analyzer User Manual**.



Consult the AFINION™ User Instructions for complete information:

- Afinion Lipid Panel Package Insert.
- Afinion Lipid Panel Control Package Insert.
- **AFINION 2 Analyzer User Manual**.

Fingerstick Procedure

- A warm hand and good blood flow from the puncture site are essential to collect a good capillary sample: wash the patient's hand in warm water and/or gently massage the finger from base to tip several times.
- Always use gloves.
- Select a skin puncture site on one of the center fingers of either hand.
- Clean the finger twice using alcohol.
- Dry thoroughly with a gauze pad before pricking the finger.
- Use a lancet and firmly prick the finger at the selected site.
- Squeeze the finger gently to obtain a drop of blood and wipe away this first drop of blood.
- Squeeze the finger gently again until a second large drop of blood forms. Do not milk the finger. The puncture should provide a free-flowing drop of blood. Excessive squeezing of the finger may cause an erroneous result.
- Fill the sampling device capillary according to testing procedure on opposite side.



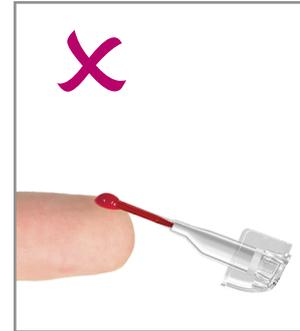
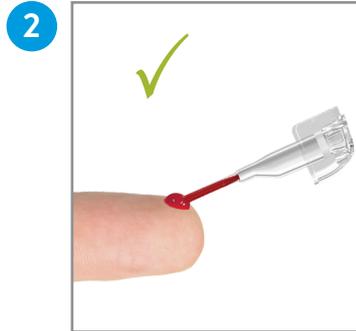
Important information codes:

| Code | Cause |
|------|---|
| 101 | Hematocrit below 20% |
| 102 | Hematocrit above 60% |
| 201 | Insufficient sample volume |
| 202 | Excess sample on the sampling device exterior |

Testing Procedure

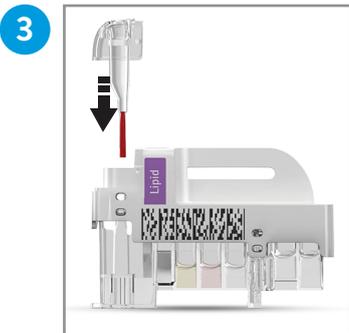


While holding the test cartridge by the handle, turn it upside-down once and return to normal position before use. Pull the sampling device straight up from the test cartridge.



Hold the sampling device tilted slightly upwards.

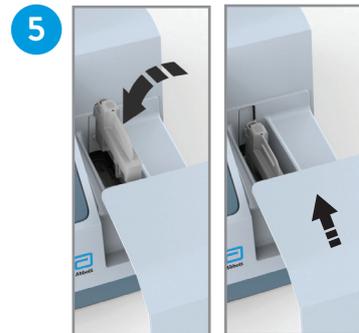
Touch the surface of the patient sample or control material. Do not tilt the sampling device downwards. Fill the capillary completely with patient sample or control. Avoid air bubbles and excess sample on the outside of the capillary. Do not wipe off the capillary.



Replace the sampling device immediately. Analysis of the test cartridge must start within 1 minute.



Touch  for patient samples, or touch  for controls. The lid opens automatically.



Insert the test cartridge with the barcode facing left. Close the lid manually to start analysing.



Touch  and enter patient ID, or touch  and enter control ID. Touch  to confirm.



Record the result when it appears on the screen. Touch  to accept. The lid opens automatically.



Remove and immediately discard the used test cartridge. Close the lid manually when the analyzer is not in use.