



InSight HCT Meter

Quick User Guide

Prior to first use please read the full instruction manual

The Sample

- EDTA - anti-coagulated venous whole blood.
- Fresh capillary blood or fresh venous blood collected into a non-anticoagulated syringe (test immediately)
- Allow refrigerated samples to reach room temperature before use
- EDTA samples should be mixed using end to end inversions at least 8 times prior to use, & should be tested within 24hrs
- For fresh venous whole blood samples, collect approximately 0.1mL into an anticoagulant-free plastic syringe
- **Insufficient sample volume & inadequate mixing of EDTA samples will affect results**

Testing a Sample

1. Press the 'Power' key to turn the meter on. When 'Lot Code' & 'Time/Date' are displayed the meter is ready
2. Change the species code as follows:
 - a. Press the 'Power' key to turn the meter off
 - b. Insert code card provided with the strips into the code slot, **arrow facing upwards**
 - c. Turn the meter on. The code will be read automatically & displayed on screen - 'c' for cat 'h' for horse or 'd' for dog
 - d. After reading the code, the meter will automatically turn off. Remove the code card & turn the meter back on
 - e. Check the appropriate code is displayed for the sample being tested ('c' 'h' or 'd').
 - f. The meter will retain the selected code when switched off. Follow the above procedure if the code needs to be changed.
3. Remove a test strip from its container & examine it for damage:
 - a. **Do not use if there are tears, wrinkles or debris**
 - b. **Do not touch the test spot membrane**
 - c. **Reseal remaining test strips in the original container**
4. Insert test strip into the strip holder with the notched end in first & the hole facing up
 - **The notched end on the top of the strip should no longer be visible when the test strip is inserted correctly**
5. When ready to test a sample, the screen will display a flashing blood drop & the green LED will begin to blink more rapidly
6. The meter will allow a maximum 2 minutes for application of the blood sample
7. Immediately apply a drop of blood to the test strip by touching the hanging blood drop to the test spot, ensure the blood drop is large enough to completely cover the test spot, but not so large that it spreads over the test strip. A capillary transfer tube may also be used to transfer the blood sample to the test strip. Each test strip is for single use only
8. The test will begin automatically. During the test, do not disturb or move the meter or strip, or press any meter keys
9. Once the test is completed, remove the test strip & check if the test strip spot is completely covered by the blood
 - **If not completely covered an inaccurate result may report**
10. The test result will be displayed in less than 30 seconds
11. the meter will automatically turn off after 2 minutes of inactivity, or can be turned off manually by pressing the 'Power' key
12. The test result will be stored automatically with the date & time

Testing the HCT Quality Control Solution

- Follow Operating Manuals for InSight HCT Strips & InSight HCT Meter
- Use 1 drop (15-20µL), & replace cap promptly & tightly
- Dispose of the first 1-2 drops of liquid if the QC is not in use for a long time
- Gently mix InSight HCT Control Solution before using
- Target range - please refer to InSight HCT Test Strip label and check result against correct species.

What if the control results are outside the normal range?

- Has the test been performed correctly?
- Has the QC solution expired or been stored incorrectly?
- Have the test strips expired or been stored incorrectly?
- Is the InSight HCT in good working order?

If you require assistance please contact your Woodley Equipment Area Account Manager or Woodley Equipment Company Technical Support Dept. on 01204 669033 option 1