

TRUE METRIX® Blood Glucose Monitoring System Troubleshooting Steps



Meter Displays E-0 When Testing with Blood: Invalid Hematocrit

The system is designed to give accurate glucose results from a blood sample that is within the Hematocrit (HCT) range of 20% -70%. If your HCT result is less than 20% or greater than 70% the meter will display an E-0 error message.

Hematocrit is the percentage by volume of red cells in your blood.

E-0 message is a safety feature alert, that the sample type may be invalid due to improper testing technique. The meter is designed to trigger this alert instead of giving inaccurate readings.

Altered HCT values can be caused by several factors but not limited to:

- Dehydration
- Anemia
- Active Bleeding
- Nutritional Deficiency
- Chronic Medical Conditions
- Use of alcohol pad/swabs to clean the sample area
- If experiencing any of the above conditions, please review possible medical conditions with your Health Care Provider (HCP).
- If using improper testing technique (See section Troubleshooting Steps/ Testing Technique)
- Do not use alcohol pad/swabs to clean the testing site.
- Do not lay the meter flat or sideways when testing.

Proper Storage and Handling of Test Strip

Verify the following:

- Test strips are not expired (if expired, immediately discard product).
- Test strips have not been opened past 4 months (discard test strips past the open vial dating).
- Test strips have not been stored improperly (e.g., not in car, hot places, cold places, the kitchen, the bathroom, etc.).
- Test strips have not been subjected to flooded areas, direct sunlight, or extended power outage.
- Test strip vial cap is always replaced immediately after each test strip is remove.

- Test strips have not been transferred from their original vial into another vial, zip-sealed bag or in the meter carrying case pouch.
- If you feel you stored or handled test strips incorrectly, test with a new unopened test strip vial handled and stored correctly.

Testing Technique

1. Gather all testing supplies: meter, test strips, lancing device, lancet, and control solution.
2. Wash hands with soap and warm water, dry thoroughly, and remove a test strip from the vial.

Obtaining Blood Sample

1. Perform a control test if control solution is available, otherwise perform a blood test.
2. Set up the lancing device and select the appropriate depth.
3. Insert a test strip in the meter's test port with the contact blocks facing up and wait for the blood drop icon to appear on the screen.
4. Use alcohol pad/swabs to clean the area puncturing the finger to obtain a blood sample to prevent infection.
5. Dry thoroughly before lancing.
6. Lance the finger and wait for a sufficient blood drop to form on the finger. **Warning:** if unable to get enough blood, hold hands below the waist level and rub hands briskly together to promote blood flow prior to the fingerstick.
7. With the test strip still in the meter, touch sample tip of test strip to the top of the blood drop and allow blood to be drawn up into the test strip. **Warning:** make sure the tip of the test strip does not touch the skin, make sure not to sweep the blood drop off the finger.
8. Remove test strip from blood drop immediately after the meter beeps and dashes appear across the display.
9. After 4 seconds, the meter will display a result or trigger an error.
10. If an error occurs, discard the test strip, and repeat the blood test with a new test strip and a different finger.
11. If an error occurs again on the second test of the same test strip vial, use a new vial of test strips (if available) to perform another blood test.
12. If a result is obtained, the issue is resolved.
13. If the meter still displays E-0, call customer care at 1-800-803-6025.