



## Glucose Control Solution Package Insert

REF DTG-GL4PLUS	English
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### PRINCIPLE AND INTENDED USE

The Clarity Plus Glucose Control Solution contains a known concentration of glucose. It is used to confirm that your Clarity Plus Blood Glucose Test Strips and Clarity Plus Blood Glucose Meter are working together properly and that you are performing the test correctly.

You should perform a quality control test:

- Before you first use your meter to familiarize yourself with its operation.
- Before using a new box of test strips.
- When you suspect that the meter or test strips are not working properly.
- When you suspect that your test results are inaccurate, or if they are inconsistent with how you feel.
- If you suspect your meter is damaged.
- At least once a week.
- After cleaning your meter.

Two levels of control solution are available labeled Low Control and High Control.

### COMPOSITION

Low Control contains less than 0.2% glucose (active ingredient) and High Control contains less than 0.4% glucose (active ingredient), both with preservatives in an aqueous based mixture.

### STORAGE AND HANDLING

- Store the control solution at room temperature, 15-30°C (59-86°F).
- Do not refrigerate or freeze.
- If the control solution is cold, do not use until it has warmed to room temperature.
- Use before the unopened expiration date that is shown on the bottle.  
Note: All expiration dates are printed in Year/Month format. 2010/01 indicates January, 2010.
- Each bottle of control solution can be used for 3 months after you first open it. The control solution will expire 3 months after the bottle is opened for the first time. Record this opened expiration date on the bottle label.

### PRECAUTIONS

- For *in vitro* diagnostic use. The control solution is for testing only outside the body. Do not swallow or inject. For self-testing and professional use.
- Shake well before using.
- Control solution tests are specified to be accurate only when tested between 15 and 40°C (59-104°F).
- The control ranges shown on the test strip vial are not a recommended range for your blood glucose level. Your personal blood glucose target ranges should be determined by your diabetes healthcare professional.
- Do not touch the end of the test strip to the control solution bottle. This could cause contaminants to enter the control solution bottle.
- Use only Clarity Plus brand control solution with your Clarity Plus brand meter and Clarity Plus brand test strips.

### MATERIALS REQUIRED

- Control Solution
- Package Insert

### MATERIALS REQUIRED BUT NOT PROVIDED

- Meter
- Test Strips

### INSTRUCTIONS FOR USE

1. Power on the meter by inserting a new test strip. Refer to your meter's User's Manual details on how to record the result as a quality control test and for further details on operating the meter.
2. Shake the control solution vial well. Remove the Cap. Squeeze the vial, discard the first drop and wipe off the dispenser tip to ensure accurate results.
3. Squeeze the vial again to get another drop and place the drop on your finger tip or other clean non absorbent surface first. Then apply the drop to the sample tip of the test strip, or touch the sample tip of the test strip to the control solution drop. If the audio option is turned on, the meter will beep to indicate a sufficient sample has been applied.

Notes: Do not apply control solution to the test strip directly from the bottle.

If the control solution sample does not completely fill the check window, do not add a second drop. Discard the test strip and start over with a new test strip.

4. Read the result from the meter display.

### EXPECTED RESULTS

Control solution test results should be within the control range. The ranges for both (CTRL Low and CTRL High) are displayed on the test strip vial. For confirmation of results, Low Control tests should fall within the CTRL Low range, and High Control tests should fall within the CTRL High range. If the test results with control solution fall within the specified control range, it indicates your Blood Glucose Monitoring System is working properly and you are performing the procedure correctly.

If the control solution test results do not fall within the respective ranges:

- Check the expiration date of the test strip and control solution. Make sure that neither the test strip vial nor the control solution bottle have been opened for more than 3 months. Discard any expired test strips or control solution.
- Confirm the temperature in which you are testing is between 15 and 40°C (59-104°F).
- Make sure that the test strip vial and the control solution bottle have been tightly capped.
- Make sure the code number on the vial of test strips you are using matches the code number stored in the meter memory.
- Confirm that you are using Clarity Plus brand control solution.
- Make sure that you followed the test procedure correctly.

After checking all of the conditions listed above, repeat the control solution test with a new test strip. If your results still fall outside the range indicated on the test strip vial label, your meter may not be working properly. DO NOT use the system to test blood. Contact Diagnostic Test Group Technical Support at 1-877-485-7877.

For complete instructions, please refer to the User's Manual included with your meter. For additional questions or issues with this product, please contact Customer Support at 1-877-485-7877.



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