

## PERFORMING A CONTROL SOLUTION TEST

You should check your meter and test strips using Assure Prism Control Solutions (Control 1 and 2). Assure Prism Control Solutions contain known amounts of glucose and are used to check that the meter and the test strips are working properly. The test strip vials have Assure Prism Control Solution ranges printed on the labels.\* Compare the result displayed on the meter to the Assure Prism Control Solution range printed on the test strip vial or on the individually wrapped test strip box. Before using a new meter or a new vial/box of test strips, you should conduct a control solution test following the procedure with two different levels of solutions (Control 1 and 2).



\* For the individually wrapped test strips, Assure Prism Control Solution ranges are printed on the boxes.

### NOTE

- Use Assure Prism Control Solutions only.
- Check the expiration dates printed on the bottle. When you first open a control solution bottle, record the discard date (**date opened plus three [3] months**) in the space provided on the label.
- Make sure your meter, test strips and control solutions are at room temperature before testing. Control solution tests must be done at room temperature 68–77°F (20–25°C).
- Before using the control solution, shake the bottle, discard the first 1 or 2 drops and wipe the top of the control solution cap clean.
- Close the control solution bottle tightly and store at a temperature of 46–86°F (8–30°C).


### You should do a control solution test:

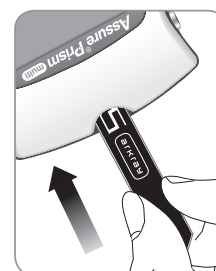
- To practice the test procedure using the control solution instead of blood.
- When using the meter for the first time.
- Whenever a new vial of test strips or box of individually wrapped test strips is opened.
- If the meter or test strips do not function properly.
- If the patient's symptoms are inconsistent with the blood glucose test result and you feel that the meter or test strips are not working properly.
- If the meter is dropped or damaged.

## Assure Prism Control Solution Testing

### Step 1

Insert a test strip into the meter's test strip port, with the contact bars facing upwards.

Gently push the test strip into the test strip port until the meter beeps. Be careful not to bend the strip while pushing it in. The  symbol will be displayed on the screen.



**Step 2**

Shake the Assure Prism Control Solution bottle well before each test.

**Step 3**

Remove the cap and squeeze the bottle to discard the first 1 or 2 drops. Apply one drop of control solution to the top of the control solution cap.

**Step 4**

After the ▲ symbol appears on the display, apply the solution to the narrow edge of the test strip until the meter beeps. Make sure the confirmation window fills completely.

**NOTE**

- The meter will switch off if the control solution sample is not applied within 2 minutes of the ▲ symbol appearing on the screen. If the meter turns off, remove the strip, reinsert, and start from step 2.

**Step 5**

A test result will appear after the meter counts down from 5 to 1.

After your control solution result appears on the display, press ◀ for 3 seconds until "check" appears on the display.

When "check" is displayed, the result is stored in the meter's memory but it is not included in the averages.

***Compare the result displayed on the meter to the range printed on the test strip vial or on the individually wrapped test strip box. If the result falls within the specified range, you are ready to use the meter and test strips to test with blood.***

**Step 6**

Remove the used test strip from the meter's test strip port. The meter will turn off automatically. Used test strips should be safely discarded in disposable containers.

**CAUTION**

- The ranges printed on the test strip vial or on the individually wrapped test strip box are for the Assure Prism Control Solutions only. They do not have any connection to blood glucose level.

**NOTE**

- Assure Prism Control Solution can be purchased from your local supplier or pharmacy. If they do not stock it, contact ARKRAY Customer Service at 800.818.8877, 24 hours a day, 7 days a week, USA and Canada.

### ***Comparing the Control Solution Test Results***

The test result of each control solution test should be within the range printed on the label of the test strip vial or on the individually wrapped test strip box. Repeat the control solution test if the test result falls outside of this range. Out-of-range results may occur due to the following factors:

Situations	Actions
<ul style="list-style-type: none"> <li>• When the control solution bottle was not shaken well.</li> <li>• When the meter, test strip or the control solution were exposed to high or low temperatures.</li> <li>• When the first drop of the control solution was not discarded or the top of the cap was not wiped clean.</li> <li>• When the meter is not functioning properly.</li> </ul>	Repeat the control solution test.
<ul style="list-style-type: none"> <li>• When the control solution is past the expiration date printed on the bottle.</li> <li>• When the control solution is past its discard date (the date the bottle was opened plus three [3] months).</li> <li>• When the control solution is contaminated.</li> </ul>	Discard the used control solution and repeat the test using a new bottle of control solution.

If results continue to fall outside the range printed on the test strip vial or on the individually wrapped test strip box, the test strip and meter may not be working properly. Do not use your system and contact Customer Service at **800.818.8877**, 24 hours a day, 7 days a week, USA and Canada.