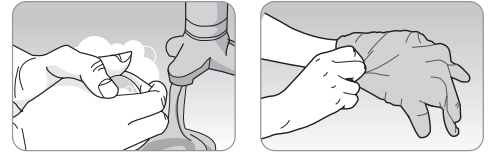





## Performing a blood glucose test

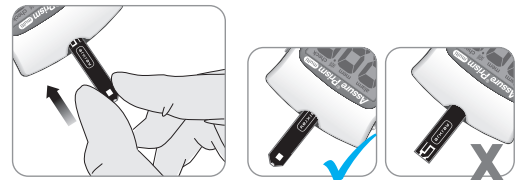
**Caution: Failure to follow instructions may cause inaccurate results.**

**Step 1:** Wash hands and the sample site with soap and warm water. Rinse and dry thoroughly. If alcohol wipes are used, make sure the area is dry before taking blood sample. Residual alcohol may lead to inaccurate readings. Wear appropriate protective gear such as disposable gloves.



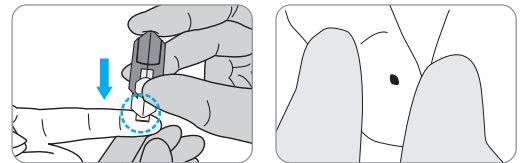
### Preparing the meter and test strip


**Step 2:** Insert a test strip with the contact bars facing up into the meter's test strip port. Push the strip gently into the strip port until the meter automatically turns on and the  symbol appears.

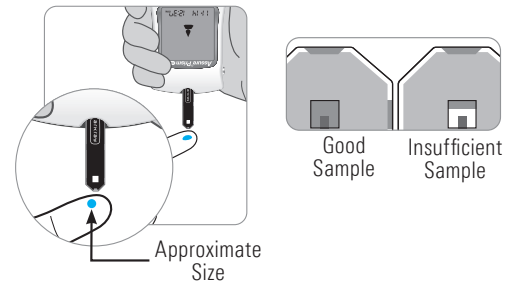



**NOTE:** We do not recommend using the memory feature including post-meal alarms, pre-set blood glucose or averaging in a multi-patient setting. Results stored in the memory are not related to a specific patient.

**Step 3:** Obtain a blood sample using a lancing device. Place the lancing device against the sampling site in the direction of the arrow. The best puncture sites are areas on the middle or ring fingers. Remove the device from the finger. Wait a few seconds for a blood drop to form. A minimum volume of 0.5 microliter is needed to fill the confirmation window.



**Step 4:** After the  symbol appears on the screen, apply the blood sample to the narrow end of the test strip until the meter beeps. If the confirmation window is not filled in time because of abnormal viscosity or insufficient volume, an Er4 message may appear. It is recommended that the application of the blood sample to the test strip be performed virtually vertical to the sample site as shown in the diagram.



**NOTE:** The meter will switch off if the blood sample is not applied within 2 minutes of the  symbol appearing on the screen. If the meter turns off, remove the strip, reinsert it, and start from Step 2.

**Step 5:** The test result will appear after the meter counts down from 5 to 1. The result will be automatically stored in the meter's memory.



**Step 6:** Slide the ejector button on the right side of the meter to discard used test strips safely in a disposable container. If the test strip is removed, the meter will automatically turn off after 3 seconds.



### Turning on the backlight

When the meter is on, pressing the backlight button powers on the display backlight. The backlight will turn off after 15 seconds or when you press the backlight button again.



# Performing a control solution test

## You should do a control solution test:

- When you want to practice the testing procedure using the control solution instead of blood
- When using the meter for the first time
- Whenever you open a new vial of test strips or open a new box of individually wrapped test strips
- If the meter or test strips do not function properly
- If symptoms are inconsistent with the blood glucose test results and you feel that the meter or test strips are not working properly
- If you drop or damage the meter




You should check your meter and test strips using Assure® Prism Control Solutions (Level 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 label. The box of individually wrapped test strips have Assure Prism Control solution ranges printed on the back of the box. 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 (Level 1 and 2).

### NOTES:

- 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°F–77°F (20°C–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°F–86°F (8°C–30°C).

## 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.




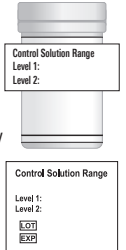
**Step 3:** Discard one or two drops of control solution. Apply one drop of control solution to the top of the control solution cap.

**Step 4:** Touch the narrow edge of the test strip to the control solution 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:** Test results 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 your control result with the appropriate control solution 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 the test strips to test blood.



**Step 6:** Remove the used test strip from the meter's test strip port. The meter will turn off automatically. Please read the User's Manual for further information before using the Assure Prism Control Solution.

**CAUTION:** The ranges printed on the test strip vial or on the individually wrapped test strip box are for 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.

## 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 initial one or two drops of the control solution were 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 by referring to the "Notes".
<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 the system and contact Customer Service at 800.818.8877, 24 hours a day, 7 days a week.