MULTICAREIN

CONTROL SOLUTIONS GLUCOSE

BSI DIAGNOSTICS

INTENDED USE:

MulticareIN Glucose Control Solution is used with MulticareIN Glucose Electrodes Test Strips.
Strips to check that the meter and test strips are working together as a system and that you are performing the test correctly. It is very important that you test with control solution routinely to make sure you are getting accurate results. MulticareIN Glucose system is for self-testing.

QUALITY CONTROL:

Acceptable performance is assured only when the control test result falls within the range listed on the vial of your test strip.
Principle of the method
MulticareIN Glucose normal control solution contains a known amount of glucose that reacts with MulticareIN Glucose Test Strips.
A test with control solution
is similar to a blood test, except that you use your MulticareIN Glucose control solution instead of a drop of blood. The test result using your control solution should fall within the range of results printed on the vial of test strips.

WHEN TO RUN A CONTROL TEST:

- Before performing a Blood Glucose test, to check the performance of the total system (Meter, Test Strip and procedure consistency).
- When you first receive your new Meter and you want to practice the test procedure.
- Anytime you feel a performance check is necessary.

STORAGE AND HANDLING:

Make sure the control solution vial is tightly closed and store at room temperature between 15°C ~ 30°C.
If the control solution is cold, do not use until the solution has warmed to room temperature. (20°C ~ 25°C)
Use before the unopened expiration date shown on the bottle, and within 3 months after first opening. Record the discard date (date opened plus three months) on the control solution vial. Discard after three months. Remove the test strip and dispose of it according to your institution' s policies and procedures.

TESTING PROCEDURE:

Materials provided: 3.5 mL control solution per vial (about 350 measurement per vial)
To perform a glucose control solution test, first shake the glucose control solution, then follow the instructions printed in the Manual that came with the system. Remember to cancel the measure from the memory. If you don't, the test will be stored in the meter memory as a blood glucose result. Refer to your MulticareIN Glucose Manual whenever necessary for more information.

TESTING TIPS:

Accurate results depend upon carefully following all product use instructions.

1. It is recommended that the meter, control solution, and test strips are at room temperature (20°C ~ 25°C) before testing.
2. Prior to use, shake the bottle vigorously several times.
3. Invert bottle and discard first drop of control solution to a type of disposable cloth.
4. Wipe the dispenser tip clean.
5. Make sure the Test strip is inserted fully into the test slot of the MulticareIN Meter.
6. Be sure the code number appearing on the display matches the test strip code on the strip vial.
7. Hold the control vial at an angle with the tip near the end of the test strip.

Gently squeeze the vial and form a small drop. Pick up the meter and touch the end of the test strip to the hanging drop. Be sure to hold the test strip to the drop until the "beep" sounds.
After "beep" sound, wipe the rest of the drop with a type of disposable cloth.
If the drop goes back into the control vial, it is possible that it may contaminate the entire vial of control solution.

SECOND APPLICATION TIP:

Place a drop on clean aluminium foil, glass or plastic plate and touch the end of the test strip to that drop. This method is more favourable, in preventing contamination to the whole vial of control solution

REAGENTS:

Each MulticareIN Glucose Control Solution is provided as a buffered, stabilized, aqueous solution of D-glucose containing a preservative and
other non-reactive ingredients.
Normal 0.11 wt% glucose 99.89 wt% non-reactive ingredients
High 0.26 wt% glucose 99.74 wt% non-reactive ingredients

PRECAUTIONS:

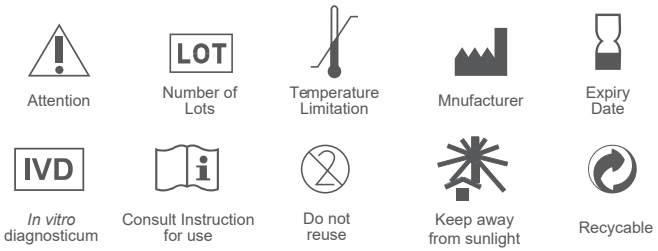
MulticareIN Glucose Control Solution is for In-Vitro Diagnostic use only. This means that it is only used for testing outside of the body.

- MulticareIN Glucose Control Solution is made for MulticareIN Glucose Electrodes system. Do not use any other brand of control solution.
- Check the expiration date on the vial. Do not use if expired.
- Shake the vial, discard the first drop of MultiCare IN glucose Control solution, and wipe off the dispenser tip to ensure a good sample and accurate results.
- Use only for three months after opening. Record the discard date (date opened plus three months) on the control solution vial.
- Discard after three months.
- Do not swallow. Not for human or animal consumption.

EXPECTED RESULTS:

At room temperature, Control Solution test results fall within the expected range printed on the test strip bottle.
If test results fall outside the expected range, repeat the test. Do Not continue with your blood sugar test if the control solution test results are continuously out of range. Results that fall outside the expected range may indicate:

- Test not performed at room temperature.
- An error in the way you are doing the test.
- Expired or contaminated Control Solution.
- A problem with the meter.
- Control Solution that is too warm or cold.
- Failure to discard the first drop of Control Solution and to wipe the bottle tip clean.
- Failure to shake the Control Solution adequately.



CE 0344

BIOCHEMICAL SYSTEMS INTERNATIONAL S.p.A.
Loc. Palazzo del Pero n°23 - 52100, Arezzo (AR) - Italia
Tel. +39 0575 984164 - www.biosys.it - biosys@biosys.it

MCIN.CS.FI.ITA.ENG.ED2022JAN