**PRINCIPLE AND INTENDED USE**

The On Call® Advanced Blood Glucose Test Strip is thin strips with a chemical reagent system which work with the On Call® Advanced Blood Glucose Meter to measure the glucose concentration in whole blood. These test strips are approximately 1.0 x 3.0 inches. The test strips are used after the reaction cell where the reaction takes place. A transient electrical current is formed during the reaction cell where the reaction takes place. The meter is calibrated to display plasma glucose concentration.

For in vitro diagnostic use. Test strips are only to be used by the healthcare professional for the quantitative measurement of glucose in capillary whole blood from the finger, forearm or ear lobe, in children and adults, using the On Call® Advanced Blood Glucose Monitoring System. Use with YSI Model 2300 STAT PLUS Glucose Analyzer.

**COMPOSITION**

Each test strip contains the following reactive chemicals: Glucose dehydrogenase  < 25 IU, NADP+, potassium chloride, sodium chloride, L-lactate, ethanolamine, phosphoric acid monobasic, sodium hydroxide and ethanol.

**PRECAUTIONS**

- Test strips should be stored tightly closed in their protective vial to keep them in good working condition.
- Store test strips in a cool, dry place at room temperature, 2-30°C (36-86°F). Store them away from heat and direct sunlight.
- Do not freeze or refrigerate.
- Use the test strips at room temperature. This is to ensure accurate results.
- Do not store the test strips in a humid place such as a bathroom.
- Do not store the meter, the test strips or control solution near bleach or cleaners that contain bleach.
- Do not transfer the test strips to a new vial or any other container.
- Replace the vial cap immediately after removing a test strip.
- Do not store the test strips after the expiration date on the vial.
- Do not use test strips past the unprinted expiration date printed on the vial. Using test strips past the expiration date may produce incorrect test results.
- All expiration dates are printed in Year-Month format. 2010-01 means January, 2010.
- A new vial of test strips may be used for 6 months after first being opened. The opened vial expiration date is 6 months after the date the vial was first opened. Write the opened vial expiration date on the vial label after opening.

**MATERIALS PROVIDED**

- Test Strips
- Code Chip
- Package Insert

**MATERIALS REQUIRED BUT NOT PROVIDED**

- Meter
- Parme Lancing Device
- Control Solution

**INSTRUCTIONS FOR USE**

See your User’s Manual for complete instructions for blood sample collection before use.

1. Open the cap of the test strip vial only to remove a test strip for testing. Replace the cap tightly closed to protect the remaining test strips from moisture in the air.

2. Run the blood sample from the intravenous line or the arterial line into the chip slot.

3. The blood glucose test result will be shown on the meter display window. This result may fall within the normal range for most all self-testing needs. If you think your meter or strips are not working correctly, you also want to do a level 2 test. Contact your dealer for information on purchasing a comparison solution.

4. For confirmation of results, Control Solution 1 and Control Solution 2 are shown on the strip vial. Control Solution 1 is sufficient for most all self-testing needs. If you think your meter or strips are not working correctly, you also want to do a level 2 test. Contact your dealer for information on purchasing a comparison solution.

**CHANGING THE SYSTEM**

Blood Glucose Monitoring System during a xylose absorption test. For important precautions, see the user’s manual. For additional questions or issues with this product, please contact your dealer for help.

**LIMITATIONS**

- To avoid false readings, do not use On Call® Advanced Blood Glucose Monitoring System during a xylose absorption test.
- Blood glucose level readings may be overestimated if concentration for galactose levels > 15% and/or those containing fluoride is not advised.
- Blood samples from patients in shock, or with severe dehydration or from patients in a hyperosmolar state (with or without ketosis) have been tested and are not recommended for testing with On Call® Advanced Blood Glucose Monitoring System.
- Dispose of blood samples and materials carefully. Treat all blood samples as if they are infectious. Follow proper precautions and obey all local regulations when disposing of blood samples.