**Blood Glucose Test Strips**

**Package Insert**

**PRINCIPLE AND INTENDED USE**

The On Call™ Plus Blood Glucose Test Strips are thin strips with a chemically reactive element. They work with the On Call™ Plus Blood Glucose Meter to measure the glucose concentration in whole blood. Each test strip is designed with a reagent that reacts to the glucose in blood to produce a measurable chemical change. This chemical change is recorded by the meter, which displays the glucose concentration on its screen.

**For in-vitro diagnostic use. Test strips are only to be used outside the body for testing purposes.**

**Quantitative measurement of glucose in capillary whole blood from the finger, forearm and palm, by people with diabetes at home and by healthcare professionals as an aid in monitoring the effectiveness of diabetes control programs.**

**How to Use**

1. **Prepare to Test:**
   - Wash hands.
   - Use test strips at room temperature. This is to ensure accurate results.
   - Do not store the test strips under direct sunlight.

2. **Obtain Blood Sample:**
   - Clean the test site by using a wipe and/or alcohol.
   - Apply sufficient pressure to the site to obtain a blood sample.
   - Remove the strip from the vial and apply it to the test site.
   - Press the lancing device into the test site and remove it immediately.
   - Avoid moving the lancing device while you’re piercing the skin.
   - Do not use the test strip beyond the expiration date.

3. **Read Result:**
   - The result is shown on the digital display in mg/dL.

**PRECAUTIONS**

- Do not expose the test strips to extreme conditions such as heat, cold, or moisture.
- Do not mix test strips from different lots.
- Do not re-use test strips.
- Do not use for testing newborns.
- Do not use test strips past the unopened expiration date. The expiration date is printed on the vial.

**STORAGE AND HANDLING**

- Store test strips in a cool, dry place at room temperature, 59-86°F (15-30°C).
- Keep them away from heat and humidity.

**COMPOSITION**

- Blood Glucose Meter
- Blood Glucose Test Strips
- Code Chip
- Lancing Device
- Sterile Lancet
- Wipes
- User’s Manual

**User Instructions**

Please see your User’s Manual for detailed instructions on meter care. The quality control test should be used to check that the meter and test strips are working together properly. Follow the procedure and take note of your test results. You should use the test strips within 5 seconds of insertion into the test site.

**Linear Regression Results:**

<table>
<thead>
<tr>
<th>Sample Site</th>
<th>On Call Plus (y) vs. YSI Reference (x)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strip</td>
<td>Interpol</td>
</tr>
<tr>
<td>Fingertip</td>
<td>0.9702</td>
</tr>
<tr>
<td>Forearm</td>
<td>0.9415</td>
</tr>
</tbody>
</table>

**Handling Your Blood Glucose Meter**

See your User’s Manual for detailed information on meter care. The quality control test should be used to check that the meter and test strips are working together properly. Follow the procedure and take note of your test results. You should use the test strips within 5 seconds of insertion into the test site.

**Interpretability Precision**

The test strips were each run on ten On Call Plus Blood Glucose Meters. Heparinized versus blood samples at five concentration levels were used in the testing. The results provided the following estimates for reproducibility, precision, and intermediate precision.

<table>
<thead>
<tr>
<th>Test Site</th>
<th>Standard Deviation (mg/dL)</th>
<th>Coefficient of Variation (CV)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fingertip</td>
<td>2.5 mg/dL</td>
<td>3.3%</td>
</tr>
<tr>
<td>Forearm</td>
<td>2.5 mg/dL</td>
<td>3.3%</td>
</tr>
<tr>
<td>Palm</td>
<td>2.5 mg/dL</td>
<td>3.3%</td>
</tr>
</tbody>
</table>

**REFERENCES**