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ARKRAY GLUCOCARD Expression Control Solution Level 1

ARKRAY GLUCOCARD Expression Control Solution Level 1 Instruction Manual

Guide for verifying the accuracy of your GLUCOCARD Expression Glucose Meter and Test Strips.

1. INTRODUCTION

The ARKRAY GLUCOCARD Expression Control Solution Level 1 is designed to verify the accuracy and proper functioning of your GLUCOCARD Expression Glucose Meter and compatible Blood Glucose Test Strips. Regular use of this control solution helps ensure that your glucose monitoring system provides reliable results.

2. PRODUCT OVERVIEW

This control solution contains a known concentration of glucose, allowing you to perform a quality control check on your glucose meter and test strips. It is an essential component for maintaining the integrity of your blood glucose monitoring process.

Key Features:

- **Accuracy Verification:** Designed to confirm the precision of the GLUCOCARD Expression Meter and Blood Glucose Test Strips.
- **Standardized Glucose Level:** Contains a known glucose concentration for reliable reference.
- **Easy Application:** A single drop is applied to a test strip, similar to a blood sample.
- **Routine Testing Recommended:** Advised for use when opening new test strip vials, after meter drops, or when results seem inconsistent.
- **Convenient Vial:** Each package includes one 2.5 ml vial of Level 1 control solution.



This image displays the ARKRAY GLUCOCARD Expression Control Solution Level 1. It shows a small white vial with a green cap, labeled 'GLUCOCARD Expression Level 1 Control Solution', alongside its white cardboard packaging box. The box also features the 'GLUCOCARD Expression Control Solution Level 1 - 2.5ml' branding and indicates 'Suitable for self-testing'.

3. SETUP

Before performing a control test, ensure you have your GLUCOCARD Expression Glucose Meter, compatible test strips, and the control solution ready.

1. **Check Expiration Date:** Verify that both the control solution and test strips are within their expiration

dates. Do not use expired products.

2. **Shake Vial Gently:** Before each use, gently shake the control solution vial to ensure the contents are thoroughly mixed. This helps maintain an even glucose concentration for accurate testing.



This image shows a hand holding the GLUCOCARD Expression Control Solution vial, with a drop being applied to a test strip. In the background, the GLUCOCARD Expression meter is visible, emphasizing the process of verifying the system's accuracy.

4. OPERATING INSTRUCTIONS: PERFORMING A CONTROL TEST

Follow these steps to perform a control test using your GLUCOCARD Expression Control Solution Level 1:

1. **Insert Test Strip:** Insert a new GLUCOCARD Expression Test Strip into your glucose meter according to your meter's instructions. The meter should turn on automatically.
2. **Apply Control Solution:** Hold the control solution vial upside down and gently squeeze it to dispense a small drop onto the designated sample area of the test strip. Do not apply directly to the meter.
3. **Wait for Result:** The meter will begin the test and display the result after a short period.
4. **Compare Results:** Compare the displayed result with the control range printed on your test strip vial or in your meter's user manual. The result should fall within this specified range.

3 Easy Steps for Reliable Results

Quick and straightforward testing to verify meter performance.



Shake Vial Gently

Gently mix the control solution before use to ensure an even glucose concentration for accurate testing.



Apply Drop to Test Strip

Dispense a small drop of control solution onto the test strip just as you would with a blood sample.



Compare Results to Expected Range

Check your meter reading against the control range printed on your test strip vial or meter guide to confirm accuracy.

This image illustrates the three easy steps for performing a control solution test. Step 1 shows a hand gently shaking the control solution vial. Step 2 shows a drop of control solution being applied to a test strip. Step 3 shows a GLUCOCARD glucose meter displaying a result, with the control solution vial and test strip vial in the background, indicating comparison to the expected range.

5. MAINTENANCE

Storage:

- Store the control solution at room temperature, away from direct sunlight and heat.
- Keep the cap tightly closed when not in use to prevent contamination and evaporation.
- Do not refrigerate or freeze the control solution.

Expiration:

- Note the expiration date printed on the vial and packaging. Discard the solution after this date.
- Once opened, the control solution typically has a limited shelf life (e.g., 90 days). Refer to the specific instructions on the vial or packaging for the exact duration.

6. TROUBLESHOOTING

If your control test results fall outside the expected range, consider the following:

- **Check Expiration Dates:** Ensure both the control solution and test strips are not expired.
- **Proper Storage:** Verify that the control solution has been stored correctly (e.g., not exposed to extreme temperatures).
- **Vial Shaking:** Confirm the control solution vial was gently shaken before use.
- **Application Technique:** Ensure the drop of control solution was applied correctly to the test strip.
- **Test Strip Integrity:** Use a new test strip from an unopened or recently opened vial.
- **Meter Malfunction:** If issues persist after re-testing with a new strip and solution, your meter may require servicing. Refer to your glucose meter's user manual or contact customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	GLUCOCARD Expression
Model	Control Solution Level 1
Unit Count	1.00 Count
Volume	2.5 ml
Special Feature	Easy to Use
Manufacturer	arkray
First Available Date	May 4, 2016

8. IMPORTANT SAFETY INFORMATION

Statements regarding dietary supplements have not been evaluated by the FDA and are not intended to diagnose, treat, cure, or prevent any disease or health condition. This control solution is for *in vitro* diagnostic use only. Do not ingest. Keep out of reach of children.

9. WARRANTY AND SUPPORT

Specific warranty information for the ARKRAY GLUCOCARD Expression Control Solution Level 1 is not provided in the available product details. For detailed warranty terms or customer support, please refer to the documentation included with your GLUCOCARD Expression Glucose Meter or contact ARKRAY customer service directly.

10. OFFICIAL PRODUCT VIDEOS

No official product videos from the seller are available for embedding in this manual.

 User Manual <small>For single user / home use only</small>	<p>ARKRAY GLUCOCARD Shine XL Blood Glucose Meter User Manual Diabetes Monitoring</p> <p>Get detailed instructions for the ARKRAY GLUCOCARD Shine XL Blood Glucose Monitoring System. Learn about setup, testing, maintenance, and troubleshooting for accurate diabetes management at home.</p>
	<p>GLUCOCARD Expression Blood Glucose Meter: Quick Reference Guide ARKRAY</p> <p>Quick reference guide for the ARKRAY GLUCOCARD Expression Blood Glucose Monitoring System. Learn how to perform blood glucose tests, understand alternate site testing (AST), and troubleshoot common errors for effective diabetes management.</p>
	<p>GLUCOCARD Expression Quick Start Guide: Blood Glucose Monitoring</p> <p>A quick reference guide for the ARKRAY GLUCOCARD Expression blood glucose monitoring system, covering measurement, alternate site testing, and troubleshooting.</p>
	<p>GLUCOCARD Expression™ Sistema de Monitoreo de Glucosa en Sangre: Manual del Usuario</p> <p>Manual completo para el sistema de monitoreo de glucosa en sangre GLUCOCARD Expression™ de ARKRAY. Aprenda a usar, configurar y mantener su medidor para un manejo efectivo de la diabetes.</p>
	<p>GLUCOCARD Shine Blood Glucose Monitoring System Instructions</p> <p>Step-by-step guide for using the GLUCOCARD Shine Blood Glucose Monitoring System, including setup, testing, and disposal. Features contact information and product details.</p>
	<p>GLUCOCARD Shine Blood Glucose Monitoring System User Manual</p> <p>Comprehensive user manual for the GLUCOCARD Shine Blood Glucose Monitoring System, detailing setup, testing procedures, maintenance, and specifications for accurate blood glucose measurement.</p>