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› IMDK GLU-T1 Blood Glucose Test Strips Instruction Manual

IMDK GLU-T1

IMDK GLU-T1 Blood Glucose Test Strips Instruction Manual

Model: GLU-T1 | Brand: IMDK

1. INTRODUCTION

This manual provides essential instructions for the proper use and care of your IMDK GLU-T1 Blood Glucose Test Strips. These strips are designed for use with the IMDK Blood Glucose Testing Meter to accurately measure blood glucose levels. Please read this manual thoroughly before performing any tests to ensure correct usage and reliable results.



Image 1.1: IMDK GLU-T1 Blood Glucose Test Strips packaging, including the box, two vials of test strips, and individual strips.

2. PRODUCT OVERVIEW AND KEY FEATURES

The IMDK GLU-T1 Blood Glucose Test Strips are engineered for precision and ease of use, providing a reliable solution for blood glucose monitoring.

- **No Coding Required:** Eliminates manual coding steps, simplifying the testing process and reducing potential errors.
- **Advanced 8-Electrode Technology:** Designed to minimize interference from common substances such as maltose, galactose, and xylose, and to reduce the impact of temperature and humidity, ensuring high stability and accuracy.
- **Small Blood Sample Volume:** Requires only 5 microliters of blood for an accurate reading.
- **Fast Results:** Delivers accurate blood glucose readings within 5 seconds.
- **Wide HCT Range (10% - 70%):** Suitable for a broad range of individuals, including infants, pregnant individuals, those with anemia, and individuals with obesity.

User-Friendly Focus

Say Goodbye to Complex Meters



No Coding
Required



Large
Display



Get Results
in **5s**



A Tiny Blood
Sample



One-Touch
Testing

Image 2.1: An IMDK blood glucose meter showing a reading of 106 mg/dL, surrounded by icons representing features like no coding, large display, 5-second results, tiny blood sample, and one-touch testing.

Peace of Mind for Them, Love from You

Empower Their Health Journey,
IMDK Blood Glucose Monitor Kit Gift
for Someone Special



Image 2.2: Illustration demonstrating the simple process of inserting a test strip into the meter and applying a blood sample to the strip.

3. SETUP AND PREPARATION

Before performing a blood glucose test, ensure you have all necessary components and prepare them correctly.

1. **Meter Compatibility:** Confirm that your IMDK GLU-T1 Test Strips are compatible with your specific IMDK Blood Glucose Testing Meter model. Refer to your meter's instruction manual for details.
2. **Check Expiration Date:** Always check the expiration date printed on the test strip vial. Do not use expired test strips, as they may yield inaccurate results.
3. **Storage:** Keep test strips in their original vial with the cap tightly closed immediately after removing a strip. Store them in a cool, dry place away from direct sunlight, heat, and moisture. The ideal storage temperature is between 4°C and 30°C (39°F and 86°F).
4. **Hand Hygiene:** Wash your hands thoroughly with warm water and soap before testing. Dry your hands completely.
5. **Prepare Lancet Device:** Load a new sterile lancet into your lancing device according to its instructions.

4. OPERATING INSTRUCTIONS (HOW TO TEST)

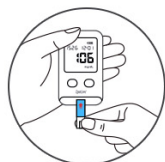
Follow these steps for accurate blood glucose testing:

1. **Insert Test Strip:** Remove one test strip from the vial and immediately close the cap. Insert the test strip into the meter in the direction indicated by the arrows on the strip. The meter will turn on automatically.
2. **Obtain Blood Sample:** Choose a test site, typically a fingertip. Use the lancing device to prick your fingertip to obtain a small drop of blood. Gently squeeze the sides of your fingertip to encourage a larger blood droplet if needed.
3. **Apply Blood Sample:** Touch the tip of the test strip to the blood droplet. The strip will automatically draw the blood into the reaction area. Ensure the blood sample is sufficient to fill the strip's confirmation window.

Do not apply blood to the top of the strip.

4. **Read Result:** The meter will beep or display a visual signal once it has received enough blood and analyzed the sample. Your blood glucose result will appear on the meter's display within 5 seconds.
5. **Discard Strip:** Safely discard the used test strip and lancet in a puncture-resistant container.

How to Use



Step 1

Insert the strip



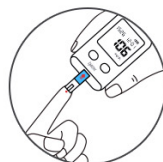
Step 2

Clean your finger



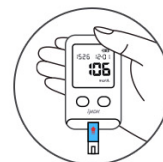
Step 3

Collect blood



Step 4

Apply blood



Step 5

Get results in 6s

Image 4.1: Visual guide showing the five steps for blood glucose testing: 1. Insert the strip, 2. Clean your finger, 3. Collect blood, 4. Apply blood, 5. Get results in 5 seconds.

5. UNDERSTANDING YOUR RESULTS

Your IMDK Blood Glucose Testing Meter will display your blood glucose level in mg/dL. It is important to understand that blood glucose results can vary based on several factors.

Comparison with Other Meters

The test results for the same blood sample may vary between different manufacturers' blood glucose meters due to differing calibration and measurement settings. It is not recommended to compare test results obtained from different brands of blood glucose meters.

Simple to Use, Perfect for Beginners



Eliminates manual coding steps for a simpler testing experience.



5 microliters of blood to deliver accurate results in **5 seconds**.



Painless Picking, Simply insert the strip and begin testing.



HCT range of 10% – 70%, suitable for a wider range of people



Image 5.1: An illustration demonstrating that blood glucose results can vary between different brands of meters, even with the same blood sample, due to varying measurement settings.

Always consult your healthcare professional for interpretation of your blood glucose results and for guidance

6. TROUBLESHOOTING

If you encounter issues or receive unexpected results, refer to the information below.

Factors Affecting Test Accuracy

- **Alcohol, Dirt, or Other Substances on Skin:** Always wash your hands thoroughly with warm water and soap and dry them completely before testing. Clean the testing site with an alcohol pad if necessary, ensuring it is dry before pricking.
- **Insufficient Blood Sample:** If the meter indicates an insufficient blood sample, gently squeeze the sides of your fingertip to produce a larger drop. Ensure the strip's confirmation window is adequately filled.
- **Wipe Off Tissue Contains in Your Blood:** Do not wipe off the first drop of blood. Collect a drop of blood on the test strip, making sure you have an adequate amount (0.5µL) for a reading.
- **Test Strip Issue:** Ensure strips are stored correctly in their original vial, away from heat, direct sunlight, moisture, and humidity. Do not use expired or damaged strips.
- **Testing Site Location:** If you suspect an inaccurate reading from an alternate site, retest using a fingertip blood sample for a more reliable result.
- **Interval Between Two Same Blood Tests:** When you test your blood sugar twice in a row, you might see a slight difference (usually within ±15%) between the readings, even if you use the same blood sample.

WHY? Why the results measured by different companies' BGMs are different?

(e.g. I have 2 meters, but I get 2 different results at the same time?)

The test results for the same blood sample may vary because each manufacturer's blood glucose meter setting is different.

⊗ It is not recommended to compare the test results tested with different brands of blood glucose meters.

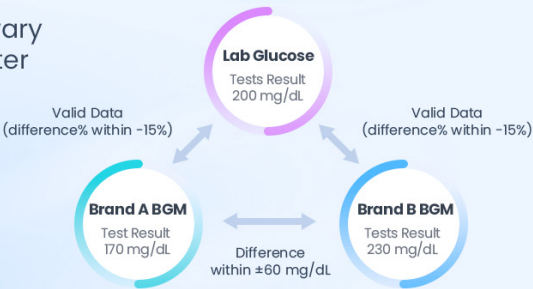


Image 6.1: A table detailing various factors that can influence blood glucose test accuracy and lead to different results, along with recommendations for accurate testing.

Error Message Description and Solutions

WHY? Why were results different after measuring blood glucose twice in a row?

Factors Affecting Test Accuracy	For accurate results
Alcohol, dirt or other substances on the skin	Wash your hands thoroughly with warm water and soap. Alternatively, clean the testing site with an alcohol pad. Always dry your hands and the testing site completely before pricking your finger.
Insufficient Blood Sample	Gently squeeze the sides of your fingertip to produce a larger drop.
Wipe off tissue contains in your blood.	Wipe off the first drop of blood, and then collect a drop of blood on the test strip, making sure you have an adequate amount (0.5ul) for a reading.
Test strip Issue	Store strips in their original. Avoid heat, direct sunlight, moisture, and humidity. Ideally, store them between 4°C and 30°C (39°F and 86°F).
Testing site location	If you suspect an inaccurate reading from an alternative site, we recommend retesting with a fingertip blood sample for a more reliable result.
The Interval between 2 same blood tests.	When you test your blood sugar twice in a row, you might see a slight difference (usually within ±15%) between the readings, even if you use the same blood sample.

Image 6.2: A table listing common error messages displayed by the IMDK blood glucose meter, their meanings, and suggested solutions.

Error Message Guide

Display Item	Meaning	Suggestions
E-2	Indicates a low battery.	Replace new batteries.
E-3	Temperature out of range.	Make sure the meter is placed in an area that is within its operating temperature range before performing a test.
E-4	The meter detects a used or contaminated test strip.	1. Discard the used test strip. 2. Insert a new test strip. 3. Wait for the flashing blood drop symbol before testing.
E-5	Insufficient blood sample.	Redo the test with enough sample to fill the test strip's check window.
HI	Blood Glucose test result is above 600 mg/dL (33.3 mmol/L).	Wash and dry your hands, then repeat the test using a new test strip. If your result still flashes HI, contact your health care professional as soon as possible.
Lo	Blood Glucose test result is below 10 mg/dL (0.6 mmol/L).	Wash and dry your hands, then repeat the test using a new test strip. If your result still flashes Lo, contact your health care professional as soon as possible.

7. MAINTENANCE AND STORAGE

Proper maintenance and storage of your test strips are crucial for their performance and accuracy.

- **Test Strip Storage:** Store IMDK GLU-T1 Test Strips in their original, tightly capped vial. Do not transfer them to any other container.
- **Environmental Conditions:** Keep the strips away from direct sunlight, heat, and moisture. The recommended storage temperature is between 4°C and 30°C (39°F and 86°F).
- **Expiration Date:** Always check the expiration date on the vial and use strips before this date. Discard any

expired strips.

- **Meter Cleaning:** Refer to your IMDK Blood Glucose Testing Meter's manual for instructions on how to clean and disinfect the meter.

8. SPECIFICATIONS

Specification	Detail
Product Name	IMDK GLU-T1 Blood Glucose Test Strips
Model	GLU-T1
Number of Pieces	100 (as per product description)
Blood Sample Volume	5 microliters (µL)
Test Time	5 seconds
Hematocrit (HCT) Range	10% - 70%
Storage Temperature	4°C - 30°C (39°F - 86°F)
Special Feature	Easy to Use, No Coding, Quick Testing, Advanced 8-Electrode Technology
Specific Uses For Product	Blood Glucose Test

9. SAFETY INFORMATION AND LEGAL DISCLAIMER

Please observe the following safety guidelines and legal information:

- For in vitro diagnostic use only. Do not ingest test strips.
- Keep test strips and all testing supplies out of reach of children.
- Dispose of used test strips and lancets properly in a biohazard or puncture-resistant container.
- Consult your healthcare professional for any medical concerns or questions regarding your blood glucose levels.

Legal Disclaimer

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 product is intended for blood glucose monitoring and should be used in conjunction with professional medical advice.

10. SUPPORT

For further assistance or questions not covered in this manual, please refer to the instruction manual provided with your IMDK Blood Glucose Testing Meter or contact your healthcare professional.