Medilax Blood Glucose and Ketone Test Strips Kit

Medilax Blood Glucose and Ketone Test Strips Kit User Manual

Introduction

This manual provides essential instructions for the safe and effective use of the Medilax Blood Glucose and Ketone Test Strips Kit. This kit is designed for self-testing blood glucose and ketone levels at home, offering a clear understanding of your health status for better management and control.
The kit includes both blood glucose and ketone testing strips, along with blood lancets, to facilitate comprehensive monitoring. The advanced 7 gold electrodes technology ensures high precision and rapid results, with blood glucose readings available in 5 seconds and ketone readings in 10 seconds.

Important Safety Information

- This device is intended for *in vitro* diagnostic use only. Do not use for diagnosis or screening of diabetes without consulting a healthcare professional.
- Always consult your healthcare professional before making any changes to your medication, diet, or exercise program based on your test results.
- Keep all components of the kit out of reach of children.
- Do not use expired test strips. Check the expiration date on the vial before each use.
- Store test strips in their original vial with the cap tightly closed. Do not transfer strips to another container.
- Dispose of used lancets and test strips properly in a sharps container to prevent injury and contamination.

Package Contents

The Medilax Blood Glucose and Ketone Test Strips Kit typically includes the following items:

- 60 Glucose Test Strips
- 60 Ketone Test Strips
- 120 Blood Lancets
- Glucose Code Chip (if applicable for your meter)
- Ketone Code Chip (if applicable for your meter)



Image: Contents of the Medilax Blood Glucose and Ketone Test Strips Kit, including glucose strips, ketone strips, code chips, and blood lancets.

Setup

Preparing for Testing

1. **Wash and Dry Hands:** Thoroughly wash your hands with soap and warm water, then dry them completely. This helps prevent contamination and ensures accurate results.
2. **Prepare Lancing Device:** Load a new, sterile lancet into your lancing device according to its specific instructions. Adjust the depth setting to a comfortable level (settings typically range from 1-11).
3. **Insert Code Chip (if required):** If your meter requires a code chip, insert the appropriate glucose or ketone code chip into the meter. Ensure the code on the chip matches the code on the test strip vial.
4. **Insert Test Strip:** Insert a new test strip into the meter with the logo side up. The meter should turn on automatically and display a symbol indicating it is ready for a blood sample. You should hear a "beep" sound if inserted correctly.



Image: Visual guide for preparing and performing a test, including hand washing, lancing device setup, and strip insertion.

Operating Instructions

Performing a Blood Glucose or Ketone Test

1. **Obtain Blood Sample:** Prick the side of your fingertip with the lancing device. Gently squeeze your finger to form a small drop of blood (approximately 0.8µL).
2. **Apply Blood to Strip:** Touch the tip of the test strip to the blood drop. The strip will automatically draw the blood into the reaction area. Ensure the strip slot absorbs enough blood sample.
3. **Read Results:** The meter will begin a countdown. Blood glucose results are typically displayed in 5 seconds, and ketone results in 10 seconds.
4. **Record Results:** It is recommended to record your test results, along with the date and time, for tracking purposes.
5. **Dispose of Used Materials:** Carefully remove the used test strip and lancet. Dispose of them in a designated sharps container.



Image: The blood collection process, showing the small sample size required and the lancing device.



Image: The Medilax meter displaying results, illustrating the quick measurement times for both glucose and ketones.

Understanding Your Results

Glucose Ketone Index (GKI)

The Glucose Ketone Index (GKI) is a single number that reflects the ratio of your blood glucose to ketones. It provides insight into your metabolic status and state of ketosis. The formula for GKI is: **Glucose (mmol/L)** / **Ketone (mmol/L) = GKI**.

Interpretation of GKI readings:

- **<1:** Deepest State of Ketosis
- **1-3:** High State of Ketosis
- **3-6:** Moderate Ketosis
- **6-9:** Light Ketosis



Image: Explanation of the Glucose Ketone Index (GKI) and its significance.

Measurement Unit Conversion

The Medilax blood glucose and ketone meter primarily uses the mmol/L unit. If you need to convert your readings to mg/dL, use the following formula:

$$\text{mg/dL} = 18 \times \text{mmol/L}$$

For example, if your device shows a reading of 7.5 mmol/L, the equivalent result in mg/dL would be 135 (calculated as 7.5 * 18).

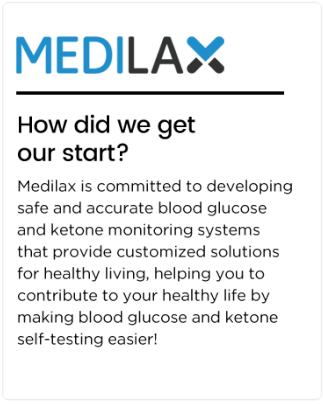


Image: Measurement unit conversion formula from mmol/L to mg/dL.

Maintenance and Storage

Ensuring Accurate Test Results

- **Calibrate Code:** Always insert the correct code chip and calibrate your meter before use. This ensures the test strips are more precise.
- **Match Code:** Use test strips that match the code number displayed on your meter and the test strip vial. Each new package of strips may have a different code.

- **Close Promptly:** Immediately close the test strip vial tightly after removing a strip. Exposure to air can affect the strips and reduce accuracy.
- **Check Expiration Date:** Never use expired test strips. Discard any strips past their expiration date.
- **Storage:** Store test strips in a cool, dry place, away from direct sunlight and heat. Do not refrigerate.



Image: Key tips for ensuring accurate test results with Medilax strips.

Troubleshooting

If you encounter issues with your Medilax Blood Glucose and Ketone Test Strips Kit, consider the following common solutions:

- **Error Message on Meter:** Refer to your Medilax meter's user manual for specific error codes and their meanings. Common issues include insufficient blood sample, expired strip, or incorrect strip insertion.
- **Inaccurate Readings:** Ensure your hands are clean and dry, the test strip is not expired, the code chip matches the vial, and you have applied enough blood. Environmental factors like extreme temperatures can also affect results.
- **No Blood Sample Drawn:** Ensure the test strip is correctly inserted and that the blood drop is large enough and properly touched to the strip's absorption area.
- **Lancing Device Issues:** Check if the lancet is correctly loaded and the depth setting is appropriate for your skin type. Replace the lancet if it appears dull or bent.

If problems persist, please contact Medilax customer support for further assistance.

Specifications

Product Dimensions	5.12 x 3.35 x 2.56 inches; 5.93 ounces
Batteries Required	2 AAA batteries (for compatible meter, not included in this strip kit)

Manufacturer	Medilax
Number of Pieces	120 (60 Glucose Strips, 60 Ketone Strips, 120 Lancets)
Special Feature	Easy to Use, Instant Result
Test Type	Blood Glucose, Blood Ketone
Specific Uses For Product	Blood Glucose Test, Ketone Test

Warranty and Support

Warranty Information

For specific warranty details regarding your Medilax Blood Glucose and Ketone Test Strips Kit, please refer to the documentation included with your original purchase or visit the official Medilax website. Test strips are consumable items and typically do not carry a long-term warranty, but they are guaranteed to be free from manufacturing defects upon receipt.

Customer Support

If you have any questions, concerns, or require technical assistance with your Medilax product, please contact Medilax customer support. Contact information can usually be found on the product packaging or the official Medilax website.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question