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› iHealth Acacia Blood Glucose Monitor Kit (Model AG-607) User Manual

iHealth AG-607

iHealth Acacia Blood Glucose Monitor Kit (Model AG-607) User Manual

Your Guide to Accurate Blood Glucose Monitoring

1. INTRODUCTION

The iHealth Acacia Blood Glucose Monitoring System is designed for the quantitative measurement of glucose in fresh capillary whole blood samples. This system is intended for self-testing by people with diabetes at home and by healthcare professionals in clinical settings as an aid in managing diabetes.

The iHealth Acacia system provides quick, precise, and gentle testing with a user-friendly design that requires no coding. It helps optimize blood glucose management by storing up to 500 memory readings and providing averages for various periods. The system complies with ISO 15197:2013 international standards for accuracy.

iHealth Acacia

Your Needs, Our Direction

The reliable glucose management partner



High-Brightness
Display



Average Historical
Results



No Coding
Required



500 Memory
Storage



0.7 µL Blood
Sample



Get Results
in 5 Seconds



Image 1.1: Key features of the iHealth Acacia Blood Glucose Monitoring System, including its display, memory, and quick results.

2. PACKAGE CONTENTS

Your iHealth Acacia Blood Glucose Monitor Kit includes the following components:

- 1 x iHealth Acacia Blood Glucose Meter
- 1 x Lancing Device

- 1 x Carrying Bag
- 2 x AAA Batteries
- 1 x Quick Start Guide
- 1 x Instruction Manual (this document)
- 100 x Blood Glucose Test Strips
- 100 x Lancets



Image 2.1: All components included in the iHealth Acacia Blood Glucose Monitor Kit.

3. IMPORTANT SAFETY INFORMATION

Please read this manual thoroughly before using the iHealth Acacia Blood Glucose Monitoring System. Failure to follow instructions may lead to inaccurate results or injury.

- This device is for *in vitro* diagnostic use only. Do not use for diagnosis of diabetes or for screening newborns.

- Consult your healthcare professional before making any changes to your medication, diet, or exercise program based on your test results.
- Keep the device and all components out of reach of children.
- Dispose of used lancets and test strips properly in a sharps container to prevent injury and infection.
- Do not use the system if it appears damaged or is not functioning correctly.
- Store test strips and lancets in a cool, dry place, away from direct sunlight and heat.

4. GETTING STARTED (SETUP)

4.1 Meter Setup (Batteries, Time/Date)

Before first use, insert the two AAA batteries into the meter. The meter will prompt you to set the date and time. Follow the on-screen instructions to adjust these settings using the navigation buttons. Correct date and time settings are crucial for accurate record-keeping.

4.2 Lancing Device Preparation

The lancing device is used to obtain a blood sample. It features an adjustable depth setting for comfort.

1. Remove the cap from the lancing device.
2. Insert a new, sterile lancet firmly into the lancet holder.
3. Twist off the protective cover from the lancet. Do not discard the lancet cap.
4. Replace the lancing device cap.
5. Adjust the puncture depth by rotating the cap. A setting of 4 is recommended for initial use.
6. Pull the handle until a red indicator appears, signifying it is ready to use.



Image 4.1: Detailed steps for preparing the lancing device for use.

4.3 Control Solution Test (Optional)

The control solution verifies that your meter and test strips are working correctly. Perform a control test when:

- You suspect the meter or strips are not working correctly.
- Your test results do not match your symptoms.
- You have cleaned or repaired the meter.
- Test strips have been exposed to extreme conditions.

- The meter has been dropped or may be damaged.

To perform a control test:

1. Insert a test strip into the blood glucose meter.
2. Press the "Set" button to access the control solution (CTL) mode.
3. Place the test strip in contact with the control solution.
4. Ensure the reading is within the Level II range indicated on the control solution bottle.

Note: Control solution is sold separately.

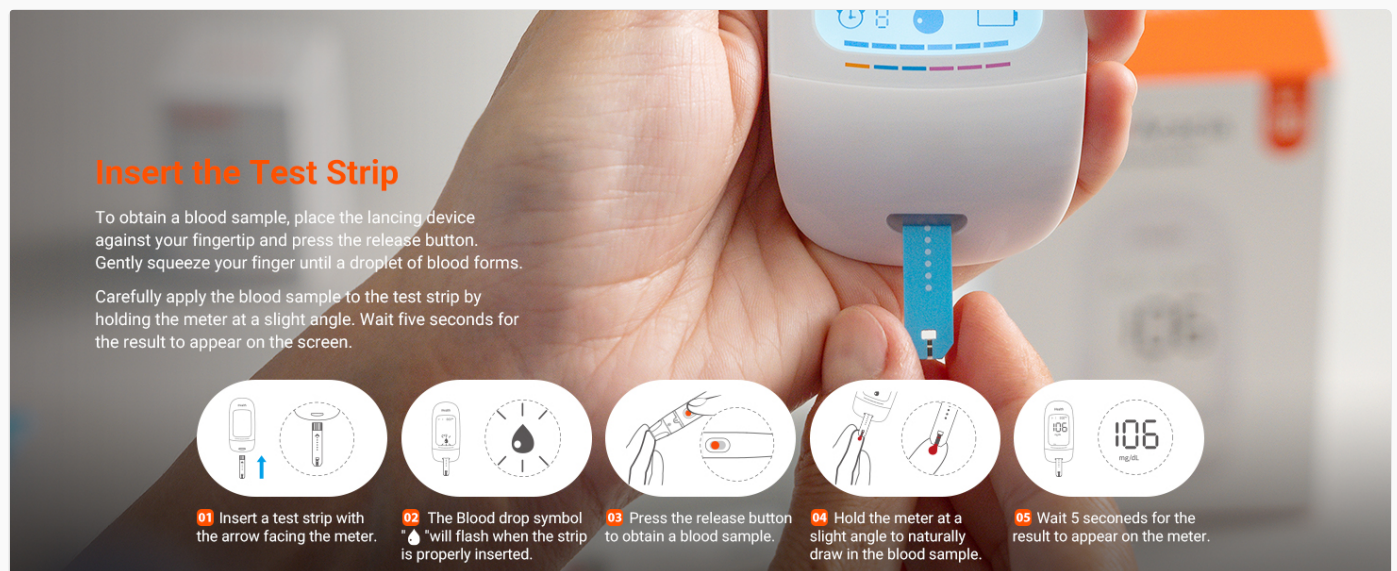


Image 4.2: Instructions for using the control solution to verify meter accuracy.

5. PERFORMING A BLOOD GLUCOSE TEST

5.1 Preparation

Before testing, ensure your hands are clean and dry. This helps prevent contamination and ensures accurate results.

1. Wash your hands thoroughly with warm, soapy water.
2. Dry your hands completely.
3. If desired, shake your hands or rub them together to encourage blood flow to your fingertips.



What is the control solution, and how do i use it?

The control solution verifies that your meter is calibrated correctly and functioning properly. To perform a control test:

- 1 Insert the test strip into the blood glucose meter.
- 2 Press the "Set" button to access the control solution (CTL) mode.
- 3 Place the test strip in contact with the control solution.
- 4 Ensure the reading is within the Level II range.

If the reading is within range, your meter is accurate. If not, contact us for assistance.

When should I use the control solution?

Use the control solution when:

- 1 Test results don't match your symptoms.
- 2 Your healthcare provider recommends calibrating your meter.
- 3 Your meter has been cleaned or repaired.
- 4 Test strips have been exposed to extreme conditions.
- 5 Your meter has been dropped or may be damaged.

The control solution needs to be Purchased Separately.

Image 5.1: Proper hand preparation before performing a blood glucose test.

5.2 Obtaining a Blood Sample

1. Insert a fresh test strip into the meter with the arrow facing the meter. The meter will turn on automatically.
2. Place the prepared lancing device against the side of your fingertip.
3. Press the release button on the lancing device to prick your finger.
4. Gently squeeze your finger until a small droplet of blood forms. Do not smear the blood.

5.3 Applying Blood to Test Strip and Reading Results

1. When the blood drop symbol flashes on the meter, carefully apply the blood sample to the absorbent tip of the test strip. The blood will be drawn into the strip automatically.
2. Hold the meter at a slight angle to ensure proper blood application.
3. Wait 5 seconds for the result to appear on the meter's display.

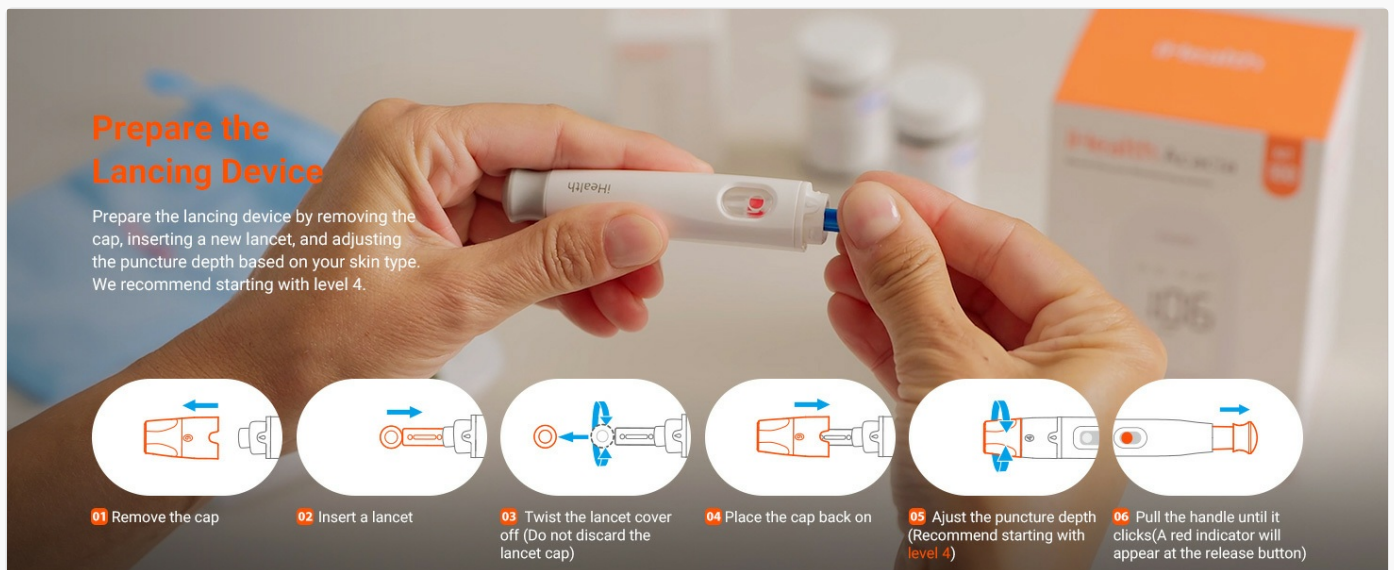


Image 5.2: Instructions for inserting the test strip and applying the blood sample.

5.4 Disposing of Used Materials

After each test, it is crucial to dispose of used test strips and lancets safely.

1. Push the strip eject button on the back of the meter to remove the used test strip.
2. Carefully remove the lancing device cap.
3. Insert the used lancet into its protective cap or a suitable sharps container.
4. Push the eject button on the lancing device slightly to discard the lancet into a sharps container.



Image 5.3: Safe disposal of used test strips and lancets.

6. UNDERSTANDING YOUR RESULTS

The iHealth Acacia meter stores up to 500 blood glucose readings. It also calculates blood glucose averages for 7, 14, 21, 28, 60, and 90 days. This feature allows you to track trends and manage your blood glucose levels more effectively over time. Refer to your healthcare professional for guidance on interpreting your results and setting personal target ranges.

7. CARE AND MAINTENANCE

7.1 Cleaning the Meter

Clean the meter regularly to ensure proper function. Use a soft, damp cloth with mild detergent or a 70% isopropyl alcohol wipe. Do not immerse the meter in water or use harsh cleaning agents.

7.2 Storage

Store the iHealth Acacia meter and test strips in a cool, dry place, between 50°F (10°C) and 104°F (40°C). Avoid direct sunlight, extreme temperatures, and high humidity. Keep all components in their original containers to protect them from damage and contamination.

8. TROUBLESHOOTING

If you encounter any issues with your iHealth Acacia Blood Glucose Monitor, refer to the table below for common error messages and their solutions.

Message	What It Means	What To Do?
Lo	Blood glucose level is lower than 20 mg/dL (1.1 mmol/L).	The message indicates very low blood glucose. Consult your health care professional immediately.
Hi	Blood glucose level is higher than 600 mg/dL (33.3 mmol/L).	The message indicates severe hyperglycemia (high blood glucose). Seek immediate medical assistance.
EE1	The batteries in your meter are low on power.	Please change the batteries.
EE2	Problem with the meter.	Retest using a new test strip.
EE3	Problems have occurred that are related to test strip use, such as: • Test strip may be wet or damaged. • Test strip may have been removed too early. • You applied more blood after testing began.	Retest using a new test strip.
EE4	Problem with the meter.	Retest using a new test strip.
EE5	The environmental temperature is lower than 50°F (10°C).	The operating temperature is 50°F~104°F (10°C~40°C). Move to a suitable environment.
EE6	The environmental temperature is higher than 104°F (40°C).	The operating temperature is 50°F~104°F (10°C~40°C). Move to a suitable environment.
EEA	Problem with the meter.	Retest with a new test strip. If the problem persists, contact customer service.
EEb	Problem with the meter.	Retest with a new test strip. If the problem persists, contact customer service.

If the problem persists after following these steps, please contact iHealth Customer Service.

9. PRODUCT SPECIFICATIONS

- **Model Name:** AG-607 Acacia
- **Brand:** iHealth
- **Manufacturer:** Andon Health Co., LTD.
- **ASIN:** B0DKN25SRZ
- **UPC:** 850044118809
- **Blood Sample Volume:** 0.7 µL
- **Test Time:** 5 seconds

- **Memory Storage:** Up to 500 readings
- **Battery Type:** 2 x AAA Alkaline Batteries
- **Operating Temperature:** 50°F - 104°F (10°C - 40°C)
- **Package Dimensions:** 5.16 x 3.39 x 2.83 inches
- **Package Weight:** 9.59 ounces
- **Compliance:** ISO 15197:2013 International Standards

10. WARRANTY AND CUSTOMER SUPPORT

10.1 Warranty Information

The iHealth Acacia Blood Glucose Monitor Kit comes with a 1-Year limited warranty. Please retain your proof of purchase for warranty claims.

10.2 Customer Support

iHealth provides a dedicated customer service team based in California to assist you with any questions or concerns regarding your blood glucose monitor. For assistance, please refer to the contact information provided in your Quick Start Guide or visit the official iHealth website.

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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

Answered questions about this manual

How do I set or change the time and date on the iHealth Acacia AG-607 Blood Glucose Monitor?

To set or adjust the time and date on your iHealth Acacia Blood Glucose Monitor (Model AG-607), follow these steps:Initial Setup: When you first insert the two AAA batteries, the meter will automatically prompt...

[Read full answer](#)