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Accu-Answer B0002HTSQ50

Accu-Answer Hemoglobin Test Strips Instruction Manual

For use with Accu-Answer 4-in-1 Multi-Monitoring Meter

1. Introduction

This manual provides essential instructions for the proper use and care of Accu-Answer Hemoglobin Test Strips. These strips are designed for self-testing and professional use with the Accu-Answer 4-in-1 Multi-Monitoring Meter to measure hemoglobin levels in whole blood. Please read this manual thoroughly before using the test strips.

Important Safety Information:

- For *in vitro* diagnostic use only. Do not ingest.
- Keep out of reach of children.
- Store test strips in their original vial with the cap tightly closed.
- Do not use expired test strips.
- Consult a healthcare professional for interpretation of results.

2. Package Contents

The Accu-Answer Hemoglobin Test Strips package includes the following items:

- 50 Accu-Answer Hemoglobin Test Strips (in a vial)
- 50 Lancets (for blood sample collection)



Image 1: Contents of the Accu-Answer Hemoglobin Test Strips package, showing a vial of 50 test strips and 50 individual lancets.

3. Storage and Handling

- Store the test strip vial at room temperature, between 2°C and 30°C (36°F and 86°F).
- **Do not refrigerate.**
- Keep the vial cap tightly closed immediately after removing a test strip.
- Use test strips within 3 months after first opening the vial. Write the discard date on the vial label.
- Do not use test strips beyond their expiration date printed on the package.
- Avoid direct sunlight and heat.

4. Setup and Preparation

Before performing a test, ensure you have the following:

- Accu-Answer 4-in-1 Multi-Monitoring Meter (not included)

- Accu-Answer Hemoglobin Test Strips
- Lancet and lancing device (not included with strips, but lancets are provided)
- Alcohol swab or antiseptic wipe
- Cotton ball or gauze

4.1 Preparing the Meter

Refer to your Accu-Answer 4-in-1 Multi-Monitoring Meter user manual for instructions on setting up and preparing the meter for a hemoglobin test. Ensure the meter is clean and functioning correctly.

4.2 Preparing the Lancing Device

1. Wash your hands with soap and warm water, then dry them thoroughly.
2. Twist off the protective cap from a new lancet.
3. Insert the lancet firmly into the lancing device.
4. Twist off the round protective disk from the lancet. Save this disk for safe disposal.
5. Replace the lancing device cap. Adjust the penetration depth setting if your device allows.
6. Prime the lancing device according to its instructions.

5. Operating Instructions (Performing a Hemoglobin Test)

1. **Insert Test Strip:** Remove one hemoglobin test strip from the vial and immediately close the cap tightly. Insert the test strip into the meter's test strip port. The meter will turn on automatically and display a test strip symbol or prompt for blood application.
2. **Obtain Blood Sample:** Choose a clean, dry fingertip. Use an alcohol swab to clean the area and allow it to air dry completely. Press the lancing device firmly against the prepared fingertip and press the release button.
3. **Apply Blood Sample:** Gently squeeze your finger to obtain a round drop of blood. Do not smear the blood. Touch the tip of the test strip to the blood drop. The blood will be drawn into the strip automatically. Ensure the blood sample completely fills the reaction area of the strip.
4. **Read Results:** The meter will begin counting down. After approximately 5 seconds, your hemoglobin result will appear on the meter's display.
5. **Record and Discard:** Record your result if necessary. Remove the used test strip from the meter and discard it safely in a biohazard container. Carefully remove the lancet from the lancing device, recap it with its protective disk, and dispose of it in a sharps container.

Note: The Accu-Answer Hemoglobin Test Strips do not require a code card. The meter automatically recognizes the strip type.

6. Maintenance and Care

6.1 Test Strip Vial Care

- Always keep the test strip vial cap tightly closed to protect strips from moisture.
- Do not transfer test strips to another container.
- Do not touch the test area of the strip with your fingers.

6.2 Meter Cleaning

Regularly clean your Accu-Answer 4-in-1 Multi-Monitoring Meter according to its specific user manual to ensure accurate

readings and hygiene.

6.3 Disposal

Used test strips and lancets are biohazardous waste. Dispose of them properly in a sharps container or according to local regulations for medical waste.

7. Troubleshooting

If you encounter issues during testing, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Meter does not turn on when strip is inserted.	Strip inserted incorrectly; meter battery low; damaged strip.	Reinsert strip correctly; replace meter batteries; use a new strip.
Error message on meter display.	Insufficient blood sample; expired strip; strip not fully inserted; meter malfunction.	Apply adequate blood; check strip expiration; ensure strip is fully inserted; refer to meter manual for specific error codes.
Inconsistent or unexpected results.	Improper storage of strips; expired strips; incorrect testing procedure; meter issue.	Review storage conditions; check expiration date; re-read operating instructions carefully; perform a control solution test if available.

If problems persist, contact customer support or consult your healthcare professional.

8. Specifications

- **Product Name:** Accu-Answer Hemoglobin Test Strips
- **Model Number:** B0002HTSQ50
- **Test Type:** Hemoglobin
- **Sample Volume:** Small blood sample (refer to meter manual for exact volume)
- **Test Time:** Approximately 5 seconds
- **Storage Temperature:** 2°C - 30°C (36°F - 86°F)
- **Shelf Life (unopened):** Refer to expiration date on vial
- **Shelf Life (after opening):** 3 months
- **Compatibility:** Accu-Answer 4-in-1 Multi-Monitoring Meter
- **Manufacturer:** Bestar Lab

9. Warranty and Support

For warranty information regarding the Accu-Answer Hemoglobin Test Strips, please refer to the documentation provided with your Accu-Answer 4-in-1 Multi-Monitoring Meter or contact the manufacturer directly.
Manufacturer: Bestar Lab
Contact Information: Please refer to the Accu-Answer 4-in-1 Multi-Monitoring Meter manual or the product packaging for customer service contact details.
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