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› SD Codefree Blood Glucose Test Strips Instruction Manual

SD Biosensor SD Codefree Test Strips (Compatible with Glucocard 01 mini)

SD Codefree Blood Glucose Test Strips Instruction Manual

Model: SD Codefree Test Strips

Brand: SD Biosensor

1. PRODUCT OVERVIEW

The SD Codefree Blood Glucose Test Strips are designed for use with the SD Codefree Blood Glucose Monitoring System (e.g., Glucocard 01 mini) to measure blood glucose concentration. These strips are intended for self-testing by individuals and for professional use in monitoring blood glucose levels.

Regular testing with these strips can provide valuable information on how a treatment program affects blood glucose levels, helping to maintain sugar levels under control. Each strip requires only a tiny drop of blood for accurate measurement.



Image 1.1: Packaging of SD Codefree Blood Glucose Test Strips, showing the box, a vial of strips, and several individual test strips. The box indicates "No Coding" and "Gold Electrode" features.

2. SAFETY INFORMATION AND PRECAUTIONS

- **For In Vitro Diagnostic Use Only:** Do not ingest.
- **Store Properly:** Keep test strips in their original vial with the cap tightly closed. Store in a cool, dry place away from direct sunlight and heat. Do not refrigerate.
- **Check Expiration Date:** Do not use test strips past their expiration date printed on the vial and box. Using expired strips may lead to inaccurate results.
- **Use Within 6 Months of Opening:** Once the vial is opened, use all test strips within 6 months. Write the discard date on the vial label.
- **Avoid Contamination:** Do not touch the test strip's reaction area. Handle strips with clean, dry hands.
- **Single Use Only:** Each test strip is for single use only. Do not reuse.
- **Consult Healthcare Professional:** Always consult your healthcare professional before making any changes to your medication or treatment plan based on test results.
- **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 a medical device, not a

dietary supplement.

3. INTENDED USE

The SD Codefree Blood Glucose Test Strips are intended for quantitative measurement of glucose in fresh capillary whole blood samples drawn from the fingertip, palm, or forearm. They are used by people with diabetes at home and by healthcare professionals as an aid in monitoring the effectiveness of diabetes management.

4. SETUP AND PREPARATION

4.1. Materials Required (Not Included)

- SD Codefree Blood Glucose Meter (e.g., Glucocard 01 mini)
- Lancing Device
- Lancets
- Alcohol Swabs (optional)
- Sharps Container for safe disposal of used lancets and test strips

4.2. Preparing for a Test

1. Wash your hands thoroughly with warm, soapy water and dry them completely. This helps prevent infection and ensures an accurate sample.
2. Gather all necessary supplies: meter, test strip vial, lancing device, and lancet.
3. Remove one test strip from the vial. Immediately close the vial cap tightly to protect the remaining strips from moisture.
4. Insert the test strip into the meter. The meter should turn on automatically. Ensure the code displayed on the meter matches the code on the test strip vial (if applicable, though these are "Codefree" strips, some meters may still display a default code).



Image 4.1: A white vial of SD Codefree Blood Glucose Test Strips with a blue label, accompanied by three individual test strips. The label indicates "50 x" and "Gold Electrode".

5. OPERATING INSTRUCTIONS (PERFORMING A BLOOD GLUCOSE TEST)

1. **Prepare Lancing Device:** Load a new lancet into your lancing device according to its instructions.
2. **Obtain Blood Sample:** Prick the side of your fingertip (or an alternate site as advised by your healthcare professional) with the lancing device. Gently squeeze your finger to form a small drop of blood. Do not smear the blood.
3. **Apply Blood to Strip:** Touch the tip of the test strip to the blood drop. The blood will be automatically drawn into the strip. Do not apply blood to the top of the strip. Ensure the blood sample completely fills the confirmation window on the strip.



Image 5.1: A diagram illustrating the correct method of applying a blood sample to the test strip, showing a finger with a blood drop being touched by the strip. It also indicates the required blood volume of 0.9µL.

4. **Read Results:** The meter will begin counting down and display your blood glucose result within a few seconds.
5. **Record Results:** Record your result in your logbook or diabetes management app.
6. **Dispose of Used Materials:** Carefully remove the used test strip from the meter and dispose of it, along with the used lancet, in a sharps container.

5.1. Understanding Your Results

Blood glucose targets vary by individual. Consult your healthcare professional to determine your personal target range. High or low readings may indicate a need for immediate medical attention.

6. MAINTENANCE AND STORAGE

6.1. Test Strip Storage

- Store test strips in their original, tightly capped vial.
- Do not transfer test strips to any other container.
- Store at room temperature, between 36-86°F (2-30°C).
- Keep away from direct sunlight, heat, and moisture.
- Do not refrigerate or freeze.
- Always check the expiration date on the vial and box. Discard any expired strips.
- Once opened, use the test strips within 6 months. Write the discard date on the vial.



Image 6.1: A close-up view of the SD Codefree Blood Glucose Test Strips vial, highlighting the "Codefree" and "Gold Electrode" features on its label.

6.2. Meter Maintenance

Refer to your SD Codefree Blood Glucose Meter's instruction manual for specific cleaning and maintenance procedures. Generally, keep the meter clean and free of dust and debris. Do not immerse the meter in liquid.

7. TROUBLESHOOTING

If you encounter issues, first refer to your SD Codefree Blood Glucose Meter's instruction manual for meter-specific troubleshooting. Below are common issues related to test strips:

Problem	Possible Cause	Solution
Meter does not turn on when strip is inserted.	Strip inserted incorrectly; meter battery low; damaged strip.	Reinsert strip correctly. Check/replace meter batteries. Use a new strip.
Error message after applying blood.	Insufficient blood sample; expired strip; damaged strip; strip not inserted fully.	Apply more blood to a new strip. Check expiration date. Ensure strip is fully inserted.
Inaccurate or inconsistent results.	Expired or improperly stored strips; dirty meter; incorrect testing procedure; dehydration.	Use fresh, properly stored strips. Clean meter. Review operating instructions. Consult healthcare professional.
Blood does not draw into strip.	Insufficient blood sample; strip not touching blood drop correctly.	Ensure a sufficient blood drop. Touch the tip of the strip to the blood drop.

If problems persist, contact SD Biosensor customer support or your healthcare provider.

8. SPECIFICATIONS

- **Product Name:** SD Codefree Blood Glucose Test Strips
- **Brand:** SD Biosensor
- **Sample Type:** Fresh capillary whole blood
- **Sample Volume:** 0.9 μ L (microliters)
- **Test Time:** Typically a few seconds (refer to meter manual for exact time)
- **Storage Temperature:** 36-86°F (2-30°C)
- **Number of Pieces:** 50 strips per vial (as per product description, though the specific product is 3 boxes of 50 strips, so 150 total, but the vial itself contains 50)
- **Special Feature:** Disposable, No Coding required
- **ASIN:** B01LXR2UBS
- **Manufacturer:** SD Biosensor



Image 8.1: A close-up view of three individual SD Codefree Blood Glucose Test Strips, showing their gold electrode and design.

9. WARRANTY AND SUPPORT

For warranty information regarding your SD Codefree Blood Glucose Meter, please refer to the meter's specific instruction manual or contact the manufacturer directly. Test strips are consumable items and typically do not carry a separate warranty beyond ensuring they are free from manufacturing defects upon purchase and prior to expiration. For technical support or inquiries regarding SD Codefree products, please contact SD Biosensor customer service. Contact details can usually be found on the product packaging or the manufacturer's official website.

Manufacturer: SD Biosensor

Website: www.sdbiosensor.com (This is a placeholder link, actual link should be verified by user if needed)

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This manual is for informational purposes only. Always consult with a healthcare professional for medical advice.

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

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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