

Reli On Prime

ReliOn Prime Blood Glucose Monitoring System User Manual

Model: Prime

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1. INTRODUCTION

The ReliOn Prime Blood Glucose Monitoring System is designed for the quantitative measurement of glucose in fresh capillary whole blood samples obtained from the fingertip or palm. This system is intended for self-testing by people with diabetes at home and by healthcare professionals in clinical settings as an aid in monitoring the effectiveness of diabetes control.

The ReliOn Prime meter provides accurate results quickly, requiring only a small blood sample. Regular monitoring of blood glucose levels is an essential part of managing diabetes effectively.

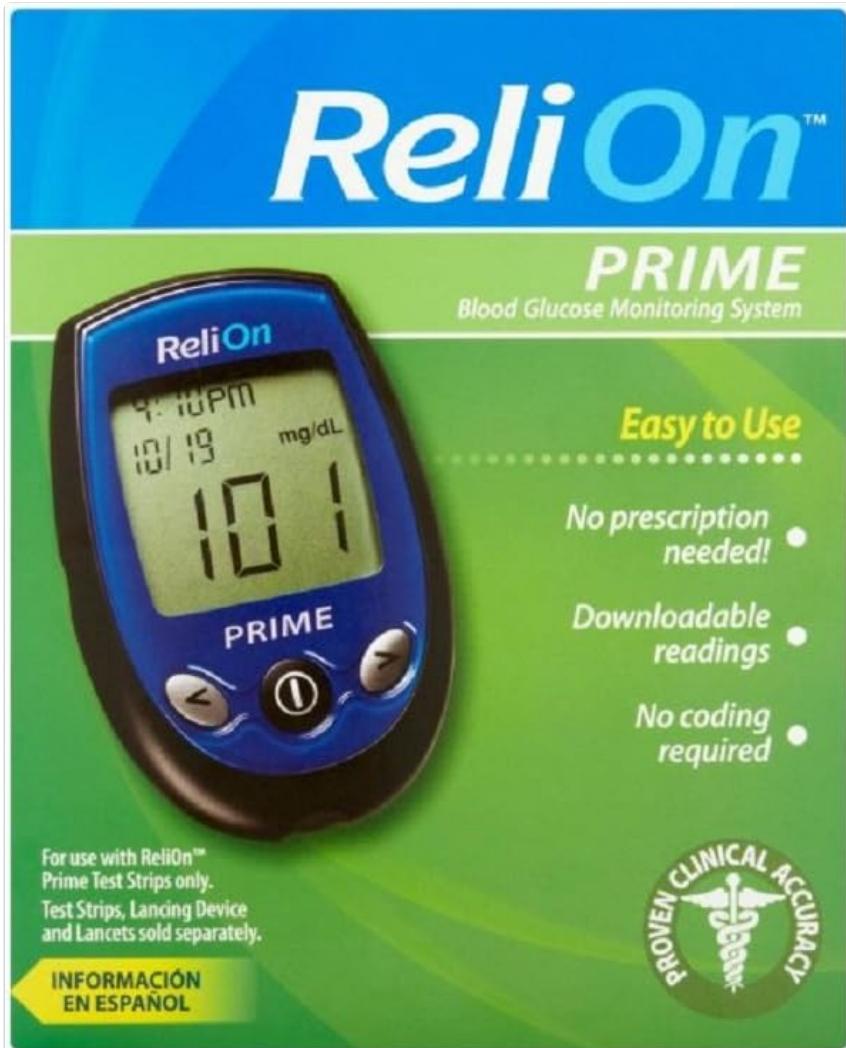


Figure 1.1: The ReliOn Prime Blood Glucose Monitoring System packaging, highlighting the meter and its features.

2. IMPORTANT SAFETY INFORMATION

- 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 or treatment plan based on your blood glucose results.
- Keep the meter and all components out of reach of children. Small parts may pose a choking hazard.
- Always use fresh, capillary whole blood samples. Do not use serum or plasma.
- Dispose of used lancets and test strips in a proper sharps container to prevent injury and infection.
- Do not use the system if the packaging seal is missing or broken upon purchase.

3. PACKAGE CONTENTS

The ReliOn Prime Blood Glucose Monitoring System package typically includes the following items:

- ReliOn Prime Blood Glucose Meter
- Carrying Case
- Battery (one 3-volt battery)
- English/Spanish Instruction Manual
- Logbook

Items Not Included (Sold Separately):

- ReliOn Prime Test Strips
- Lancing Device and Lancets
- Download Cable
- Control Solution (can be obtained by calling 1-855-776-0662 or visiting ReliOn.com)

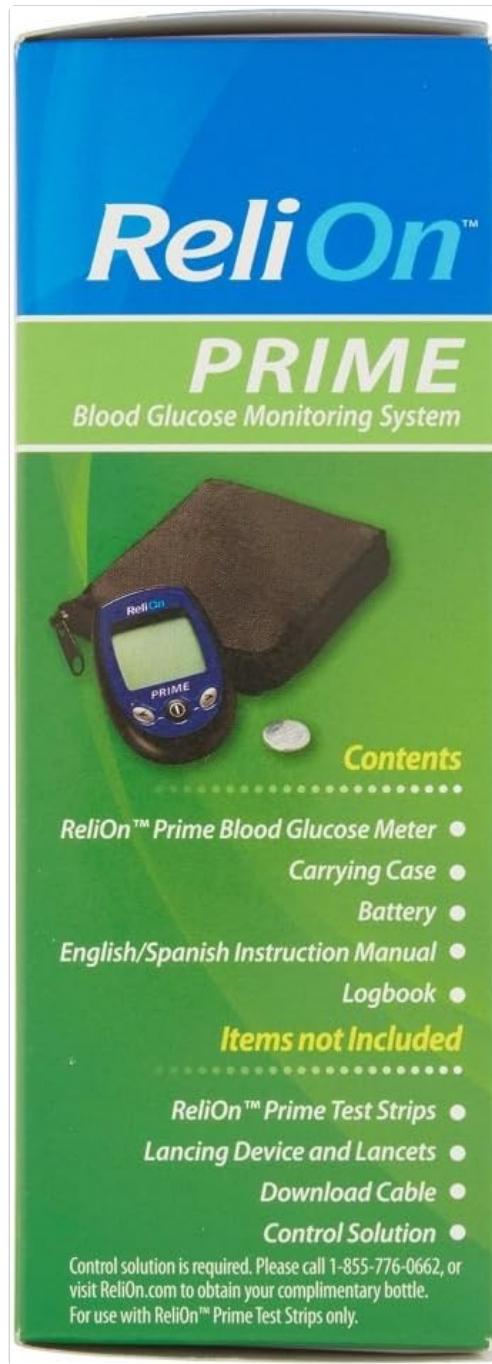


Figure 3.1: Packaging detail showing the contents of the ReliOn Prime system and separately sold items.

4. SETUP

4.1. Battery Installation

1. Locate the battery compartment on the back of the ReliOn Prime meter.
2. Open the battery cover by sliding it off or gently prying it with a small tool if necessary.
3. Insert the included 3-volt lithium battery, ensuring the positive (+) side faces upwards as indicated inside the compartment.
4. Close the battery cover securely.
5. The meter should power on briefly, indicating successful battery installation.

4.2. Initial Meter Settings

Upon first use or after battery replacement, you may need to set the date and time. Refer to the detailed instructions in the included manual for navigating the meter's settings menu.

The ReliOn Prime meter is a **no-code meter**, meaning it does not require manual coding for test strips, simplifying the setup process.

5. OPERATING INSTRUCTIONS: PERFORMING A BLOOD GLUCOSE TEST

Follow these steps to perform a blood glucose test:

1. **Prepare Your Lancing Device:** Load a new lancet into your lancing device according to its instructions.
2. **Wash Your Hands:** Wash your hands thoroughly with soap and warm water. Dry them completely.
3. **Insert a Test Strip:** Remove a ReliOn Prime Test Strip from its vial and immediately close the vial cap tightly. Insert the test strip into the meter's test strip port. The meter will turn on automatically.
4. **Obtain a Blood Sample:** Use the lancing device to prick the side of your fingertip or an approved alternate site (such as the palm) to obtain a blood drop. Gently squeeze your finger until a small drop of blood forms. The required sample size is 0.5 microliters.
5. **Apply Blood Sample:** Touch the tip of the test strip to the blood drop. The blood will be drawn into the strip. Do not apply blood to the top of the strip.
6. **Read Results:** The meter will begin a countdown. Your blood glucose result will appear on the display in as little as 7 seconds.
7. **Record Results:** Record your result in your logbook.
8. **Dispose of Used Materials:** Carefully remove the used test strip and dispose of it along with the used lancet in a sharps container.



Figure 5.1: The ReliOn Prime meter and test strips, essential for accurate blood glucose measurement.

6. MEMORY FUNCTIONS

The ReliOn Prime meter automatically stores up to 250 blood glucose test results with date and time. This feature allows you to track your glucose levels over time and share data with your healthcare provider.

6.1. Accessing Stored Results

To review past results, ensure the meter is off. Press and hold the main button (usually the 'M' or 'Memory' button) for a few seconds until the memory mode activates. Use the arrow buttons to scroll through your stored readings. Refer to your specific meter's manual for detailed button functions.

7. MAINTENANCE AND CARE

7.1. Cleaning the Meter

Clean the exterior of your ReliOn Prime meter regularly with a soft, damp cloth. Use a mild detergent if necessary, then wipe with a clean, damp cloth and dry thoroughly. Do not immerse the meter in water or use harsh cleaning agents, as this can damage the device.

7.2. Storage

Store the ReliOn Prime meter and test strips in a cool, dry place within the recommended temperature range (typically 32-122°F or 0-50°C). Keep them away from direct sunlight and extreme temperatures. Always store test strips in their original vial with the cap tightly closed to protect them from moisture.

8. TROUBLESHOOTING

If you encounter issues with your ReliOn Prime Blood Glucose Monitoring System, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Meter does not turn on.	Dead or incorrectly installed battery.	Check battery installation. Replace battery if necessary.
Error message displayed.	Improper test strip insertion, insufficient blood sample, or damaged strip.	Ensure strip is fully inserted. Re-test with a new strip and sufficient blood. Refer to manual for specific error codes.
Inaccurate or inconsistent results.	Expired test strips, improper storage, dirty meter, or user error.	Check strip expiration date. Ensure proper storage. Clean meter. Review testing procedure. Perform a control solution test.
Blood sample not drawn into strip.	Insufficient blood sample or incorrect application.	Ensure a sufficient blood drop is formed. Touch the tip of the strip to the blood drop, allowing it to wick in. Do not smear.

If troubleshooting steps do not resolve the issue, contact customer support.

9. SPECIFICATIONS

Feature	Detail
Model Name	Prime
Sample Size	0.5 microliters
Test Time	Approximately 7 seconds
Memory Capacity	250 test results with date and time
Battery Type	One 3-volt Lithium battery
Operating Temperature	32-122°F (0-50°C)
Measurement Unit	mg/dL
ASIN	B00E6TYKTS
UPC	060538802293



Figure 9.1: Key features and specifications of the ReliOn Prime Blood Glucose Monitoring System.

10. CUSTOMER SUPPORT AND WARRANTY

For technical assistance, questions about your ReliOn Prime Blood Glucose Monitoring System, or to obtain control solution, please contact ReliOn customer support.

- **Customer Service Phone:** 1-855-776-0662
- **Website:** ReliOn.com (Visit for full product line and diabetes lifestyle support)

Warranty Information: Specific warranty details are typically provided within the product packaging or on the manufacturer's website. Please refer to the documentation included with your device for comprehensive warranty terms and conditions.

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 for monitoring blood glucose levels as directed by a healthcare professional.

