

BIOCHEMICAL SYSTEM INTERN. SpA TD-4279

U-Right TD-4279 Blood Glucose Test Strips User Manual

Model: TD-4279 | Brand: BIOCHEMICAL SYSTEM INTERN. SpA

1. INTRODUCTION

This user manual provides essential information for the safe and effective use of U-Right TD-4279 Blood Glucose Test Strips. These strips are designed for use with the U-Right TD-4279 Blood Glucose Monitoring System to quantitatively measure glucose in fresh capillary whole blood samples.

Please read this manual thoroughly before using the test strips to ensure accurate results and proper handling.



Image 1.1: Overview of three packs of U-Right TD-4279 Blood Glucose Test Strips. Each box contains 50 test strips and is designed for use with the TD-4279 Blood Glucose Monitoring System.

2. SAFETY INFORMATION

- **For In Vitro Diagnostic Use Only:** These test strips are intended for self-testing outside the body. Do not use for diagnosis or screening of diabetes without consulting a healthcare professional.
- **Keep Out of Reach of Children:** Test strips and accessories may pose a choking hazard.
- **Storage:** Store test strips in their original vial with the cap tightly closed. Keep in a cool, dry place between 4°C and 30°C (39°F and 86°F). Do not refrigerate or freeze.
- **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.
- **Handling:** Use test strips immediately after removing them from the vial. Close the vial cap tightly immediately after removing a strip to protect the remaining strips from moisture. Do not bend, cut, or alter the test strips.
- **Disposal:** Dispose of used test strips and lancets according to local regulations for biohazardous waste.
- **Consult Your Healthcare Professional:** Always consult your doctor or healthcare professional before making any changes to your medication or treatment plan based on test results.

3. SETUP

Before performing a test, ensure you have the following items:

- U-Right TD-4279 Blood Glucose Meter
- U-Right TD-4279 Blood Glucose Test Strips
- Lancing Device and Sterile Lancets
- Alcohol Swabs (optional)

3.1 Preparing the Test Strips

1. Ensure the test strip vial is tightly closed and has not been opened for an extended period.
2. Check the expiration date on the test strip vial. Do not use if expired.
3. Wash your hands thoroughly with soap and warm water, then dry them completely. This helps prevent contamination and improves blood flow.
4. Gently remove one test strip from the vial. Immediately close the vial cap tightly to protect the remaining strips from moisture.
5. Inspect the test strip for any damage or abnormalities. Do not use a damaged strip.



Image 3.1: Top view of U-Right TD-4279 Blood Glucose Test Strip packaging, highlighting the sealed nature of the boxes.

4. OPERATING INSTRUCTIONS

4.1 Performing a Blood Glucose Test

1. **Prepare the Meter:** With the meter turned off, insert the test strip into the test strip port of the U-Right TD-4279 Blood Glucose Meter. The meter will automatically turn on.
2. **Prepare the Lancing Device:** Load a new sterile lancet into your lancing device according to its instructions. Set the penetration depth.
3. **Obtain a Blood Sample:** Puncture the side of your fingertip with the lancing device. Gently squeeze your finger to form a small drop of blood. Do not smear the blood.
4. **Apply Blood to Strip:** Touch the tip of the test strip to the blood drop. The blood will be drawn into the strip automatically. Do not apply blood to the top of the strip. Ensure the blood sample completely fills the reaction area.
5. **Read Results:** The meter will begin counting down. Your blood glucose result will appear on the meter's display in a few seconds.
6. **Record Results:** It is recommended to record your results in a logbook or a diabetes management app.
7. **Dispose of Used Materials:** Carefully remove the used test strip from the meter and dispose of it along with the used lancet in a puncture-resistant container (sharps container).

4.2 Control Solution Testing

Control solution testing is important to ensure your meter and test strips are working correctly. Refer to your U-Right TD-4279 Blood Glucose Meter manual for detailed instructions on performing a control solution test.

5. MAINTENANCE

5.1 Test Strip Storage

- Always store test strips in their original vial with the cap tightly closed.
- Keep the vial away from direct sunlight, heat, and moisture.
- Do not store test strips in the bathroom or kitchen due to humidity fluctuations.

- Once the vial is opened, use the test strips within the period specified in the meter manual (usually 3-6 months). Write the discard date on the vial label.

5.2 Meter Cleaning

While this manual focuses on test strips, proper meter maintenance is crucial for accurate results. Refer to your U-Right TD-4279 Blood Glucose Meter manual for instructions on cleaning and disinfecting your meter.

6. TROUBLESHOOTING

If you encounter issues while using the U-Right TD-4279 Blood Glucose Test Strips, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Meter displays "Error" or "E-X" code.	Expired strip, insufficient blood sample, damaged strip, temperature out of range, meter malfunction.	Check strip expiration. Repeat test with a new strip and sufficient blood. Ensure proper storage. Refer to meter manual for specific error codes.
Inconsistent or unexpected results.	Improper strip handling, expired strips, incorrect coding (if applicable), meter calibration issue, physiological factors.	Ensure hands are clean and dry. Check strip expiration. Perform a control solution test. Consult your healthcare professional.
Meter does not recognize the strip.	Strip inserted incorrectly, damaged strip, meter port dirty.	Reinsert the strip correctly. Try a new strip. Clean the meter's strip port gently with a dry cloth.

For more detailed troubleshooting, please refer to the U-Right TD-4279 Blood Glucose Meter user manual or contact customer support.

7. SPECIFICATIONS

Feature	Detail
Product Name	U-Right TD-4279 Blood Glucose Test Strips
Model	TD-4279
Brand	BIOCHEMICAL SYSTEM INTERN. SpA
Units per Pack	50 strips per vial (Product often sold in packs of 3 vials, totaling 150 strips)
Dimensions (Packaging)	19.1 x 4.7 x 3.4 cm (for a single pack of 50 strips)
Weight (Packaging)	130 grams (for a single pack of 50 strips)
Storage Temperature	4°C - 30°C (39°F - 86°F)
Test Sample	Fresh capillary whole blood
Compatibility	U-Right TD-4279 Blood Glucose Monitoring System

8. WARRANTY AND SUPPORT

Specific warranty information for U-Right TD-4279 Blood Glucose Test Strips is typically provided with the blood glucose monitoring system or directly by the manufacturer. Please refer to the documentation included with your U-Right TD-4279 Blood Glucose Monitoring System for warranty details.

For technical support, questions, or to report any issues with the product, please contact BIOCHEMICAL SYSTEM INTERN. SpA customer service or your local distributor. Contact information can usually be found on the product packaging or the manufacturer's official website.

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