Mira Fertility Max Wand

Fluorescent Immunoassay Test (Luteinizing Hormone, Estrone-3-Glucuronide, and Pregnanediol-3-Glucuronide)

User Manual

Please read this manual entirely before use.

Table of Contents

1. INTRODUCTION 3
2. PACKAGE CONTENTS 3
3. THE MIRA FERTILITY MAX WANDS 4
4. WHEN TO TEST WITH THE MIRA FERTILITY MAX WANDS 4
5. HOW TO USE THE MIRA APP 5
6. HOW TO TEST WITH MIRA 5
7. UNDERSTANDING YOUR TEST RESULTS 9
8. TROUBLESHOOTING 10
9. FREQUENTLY ASKED QUESTIONS 11
10. CONTACT INFORMATION 11
11. TEST LIMITATIONS 12
12. TERMS & CONDITIONS AND PRIVACY POLICY 13
13. SYMBOLS IN LABELING 13

1. INTRODUCTION

The Mira Fertility Max Wands were designed to detect human estrone-3-glucuronide (E3G), luteinizing hormone (LH), and pregnanediol-3-glucuronide (PdG) levels in urine via the Mira Analyzer.

LH and E3G test results are used to identify your fertility window and the most fertile days in your cycle. PdG helps you confirm your ovulation. After testing, your results will be displayed on the Mira Analyzer and synced automatically to the Mira App (if both were paired correctly). Combining these 3 hormones can help you reveal important information about your fertility.

Note: Do not use the Mira Fertility Max Wands to test for other diagnostic purposes.

Attention:

- Do not open the Mira Fertility Max Wand wrapper until you are ready to use it.
- Do not use if expired.
- Store in a dry place between 4°C and 30°C (39°F and 86°F).
- Do not freeze. Keep away from direct sunlight.
- For *in vitro* diagnostic use only. This product is not meant to be used internally.
- Test results can ONLY be read by the Mira Analyzer.
- Keep out of reach of children.

2. PACKAGE CONTENTS

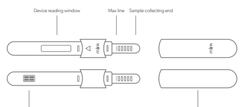
- The Mira Fertility Max Wands
- User Manual
- Urine Collection Container:

Please check the product variation you have purchased:

– Included: If the backside of the package says, "Include a urine collection cup", you will find 1 (one) urine collection container included in the package.

– Not Included: If the backside of the package says, "Doesn't include a urine collection cup", the package will not contain a urine collection cup. In this case, you must use a clean, dry container to collect the urine for testing purposes.

3. THE MIRA FERTILITY MAX WANDS



1) As soon as you open the test wand wrapper, you will notice that the "Device reading window" is protected by a cap.
2) Leave this cap on while sampling urine from the "Sample collecting" end.
3) After sampling, remove the cap and cover the "Sample collecting" end to avoid potential contamination.
4) Insert the "Device reading window" end into the Mira Analyzer (sold separately).
5) The Mira Analyzer will process your test and display your results on the screen.

4. WHEN TO TEST WITH THE MIRA FERTILITY MAX WANDS

- We strongly suggest that you test following the recommended testing schedule provided by the Mira App.
- Please follow the instructions in the Mira App to understand your testing window.
- To achieve the best results, use your first-morning urine for testing.

5. HOW TO USE THE MIRA APP

- Turn the Mira Analyzer on by pressing the power button.
- Download the Mira App by scanning the QR code displayed on the screen or visit www.miracare.com/mira-app.
- Launch the Mira App.
- Enable Bluetooth on your smartphone.
- Follow the instructions displayed in Mira App to pair the Mira Analyzer.
- To confirm the connection, press the Analyzer's power button.

Disclaimer: The Mira App does not change the product's intended use. The App stores and displays the testing data, not for diagnostic purposes.



6. HOW TO TEST WITH MIRA

Before testing, please collect the following items:

- The Mira Analyzer
- A Mira Fertility Max Wand



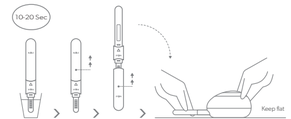
Attention:

- Please read the Mira Analyzer and the Mira Fertility Max Wands' user manuals thoroughly.
- Please check your Mira Analyzer's battery level before testing.
- If you see a low battery message on display, please charge your Mira Analyzer.
- Please check that the Mira Fertility Max Wands are not expired.

Important: The Mira Fertility Max Wands are stored in a specialized wrapper that resists humidity. Please do not open the wrapper until you are ready to use each wand.

HOW TO TEST

1) Collect urine in a clean and dry container.
2) Remove the Mira Fertility Max Wand from its protective wrapper and use it immediately.
3) Immerse at least three grids of the sample collecting windows in urine. Please note: immerse only the "Sample collecting" end into the urine.
4) Dip the wand into the urine for 10-20 seconds. For better results, please dip longer, but no longer than 25 seconds.
5) After sampling, wipe off any excess urine from the Mira Fertility Max Wand.
6) Remove the cap from the "Device reading window" end.
7) To avoid contamination, use it to cover the "Sample collecting" end. Once the cap is fully secured, you will hear a "click" sound.
8) Look for the triangular mark and ensure the Mira logo is facing up.
9) Fully insert the "Device reading window" end of the Wand into the Mira Analyzer. Upon proper insertion of the Wand, the test analysis will automatically begin.
10) The Analyzer will process your test for 21 minutes. A countdown will be displayed on the Analyzer to let you know how much processing time is left. Once your results are ready, they will be synced and saved to the Mira App.
11) Once you see your test results displayed on the Analyzer's screen, pull out the test wand and discard it.
12) The Analyzer will display your LH + E3G + PdG hormone concentration values on the screen and sync this data automatically to your smartphone if adequately paired with the Mira App.



Attention

- Please keep the "Sample collecting" end of the wand pointing down at ALL times after sampling urine, and don't shake it.
- Please keep the Analyzer on a flat surface and horizontally while inserting the test wand.
- Do not touch the Analyzer or the test wand during the countdown. If you pull out the test wand before the test is finished processing, re-insert it into the Analyzer immediately. The Mira Analyzer will then inform you if the test is still valid or not.
- The Mira Analyzer will automatically turn off if it remains idle for over 1 minute. Hold the power button for approximately 3 seconds to turn off the Analyzer manually. Note: If the Analyzer is testing and counting down, it won't enter the idle mode but automatically turns off the Analyzer's screen.
- Push and hold the power button for approximately 2 seconds to activate the Mira Analyzer if the screen has turned off.

mira
Designed by Quanovate

Distributed by Quanovate Tech Inc.
San Ramon, CA 94583, USA

7. UNDERSTANDING YOUR TEST RESULTS

The Mira Analyzer and the Mira Fertility Max Wand measure LH, E3G, and PdG levels in urine. The Analyzer's display will show the urinary LH, E3G, and PdG hormone concentration values. Please sync the test results with the Mira App to reveal critical information.

Attention:

- LH, E3G, and PdG levels may vary depending on your cycle and health conditions. We recommend you consult with a physician before relying on information provided by our products and services if you are family planning, trying to get pregnant, trying to diagnose any health condition, or any other health or medical-related intention.
- Your LH, E3G, and PdG test results history can be found in the Mira App.
- The Mira App will plot your hormone curves based on the days you tested.
- Your cycle information can be edited in the Mira App at any time.

Fertility score	Ovulation status	Fertility status	Chance of conception
1-4	Non-ovulatory days	Non-fertile window. Low levels of E3G and LH before ovulation or PdG is high after ovulation.	Unlikely, but not impossible. Intercourse at this time has a low probability of conception.
5-8	3 days before or 2 days after ovulation	Fertile window. A rise in E3G has been detected before ovulation and low levels of PdG have been detected.	Intercourse may lead to pregnancy. We recommend you test again on the next day.
9-10	Ovulation is likely to happen within 24 hours	Most fertile days: An LH surge was detected.	Intercourse in the next 24-48 hours have the highest chance of conception within your cycle.

8. TROUBLESHOOTING

Errors may occur for the following reasons:

- **Try again** — The Analyzer does not recognize the wand. You may not have inserted the wand properly. Please, re-insert the wand thoroughly and quickly. If unsuccessful, please try again with a new wand and follow the testing steps.
- **Invalid wand** — Please use a Mira Fertility Max Wand. Incompatible or off-brand test wands can damage the Analyzer.
- **Used wand** — The inserted test wand has been used or damaged. Please use a new Mira Fertility Max Wand.
- **Test warning** — Please re-insert the Mira Fertility Max Wand to continue testing.
- **Update available** — Please update the Analyzer software via the Mira App for an accurate reading.
- **Heat error** — The temperature is too high. Please interrupt the test by removing the test wand from the Analyzer. Turn off the Analyzer, and move it to a cooler place before conducting a new test.
- **Sample error** — The test wand is dry, or insufficient urine was sampled. Please conduct another test using a new wand, ensuring you follow the testing instructions in this manual. If you experience 2 sample errors in a row, please contact our Mira customer service at support@miracare.com.
- **Device error** — The Mira Analyzer may have experienced an internal error. Please push the pinhole located on the back of the Analyzer and restart it. If the error message appears again, please contact us at support@miracare.com.

9. FREQUENTLY ASKED QUESTIONS

1) **Q: Do I need to use my first-morning urine?**

A: To achieve the best results, use your first-morning urine for testing. If you cannot test using first-morning urine, please test consistently, at the same time each day, and limit fluid intake for 2 hours before testing.

2) **Q: Do alcohol or medications affect the results?**

A: Yes, alcohol, hormonal birth control (pills, patches, rings, etc) and any medication containing natural or synthetic progesterone will affect your results.

3) **Q: What can I do if I mistakenly pull out the test wand during the test?**

A: Re-insert the test wand into the Mira Analyzer immediately. The Mira Analyzer will inform you whether this test wand is still valid or not.

4) **Q: How do you clean the reusable silicone cup?**

A: Step 1:

Rinse the silicone cup 3 times with clean water.

Step 2:

Air-dry upside down or dry using a paper towel.

10. CONTACT INFORMATION

We are happy to help! If you have any questions, please review these instructions carefully to ensure you are using the product correctly. If you encounter issues with any of our products, please contact our Mira customer service at **support@miracare.com**. Please include the product lot number found on the outer packaging upon sending us an inquiry.

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Made in China.

Manufactured at:

Rm. 3-4-3401, 161 Yifeng Rd., Qiantang New District, Hangzhou, Zhejiang, China

11. TEST LIMITATIONS

Home ovulation test. For *in-vitro* diagnostic use only. Do not reuse the test wand for any other purpose. Dispose of it properly after use. Store in a dry environment between 4 °C to 30 °C (39 ° F to 86 °F). Keep away from direct sunlight. Do not freeze. Keep out of reach of children. Do not use it if the foil wrapper is damaged. Do not use it if expired.

The substances at or lower than the concentrations listed in the table below have been tested, and the testing results indicated that they have insignificant or immeasurable interference with the LH, E3G, and PdG test results. Other conditions which are associated with the substances in the table and above the corresponding listed concentration in the body fluid, and/or conditions that result in abnormal substances not listed in the table below may cause the ineffectiveness of this product. It is recommended to repeat the test and discuss it with your physician.

Interference	Concentration
Albumin	2g/dl
Bilirubin	2mg/dl
Hemoglobin	1mg/dl
Gentianic acid	20mg/dl
Tetracycline	20mg/dl
Salicylic acid	20mg/dl
Thiophene	20mg/dl
Ethanol	1%
Folic acid (vitamin B9)	15ng/ml
Uric acid	9mg/ml
Ampicillin	20mg/dl
Amoxicillin	20mg/dl
Ibuprofen (isobutylpropyl acid)	40mg/dl
Vitamin B1	80mg/dl
Paracetamol	20mg/dl
Acetyl salicylic acid	20mg/dl
Ascorbic acid	20mg/dl
Atropine	20mg/dl
Glucose	2g/dl

Certain medical conditions may affect the effectiveness of this test's ability to predict and confirm ovulation. Conditions include pregnancy, postpartum, menopause, the use of hormonal birth control, and certain fertility medications. The user who has been medically diagnosed with fertility conditions should consult with her healthcare professional to ensure that this product is applicable.

The test result is for reference only. The products and services are not intended as a substitute for qualified medical advice. You are advised to consult with a physician before using the products and services or making decisions on a family plan and getting pregnant, relying upon any information provided by the products and services.

Any information provided via our products and services is based upon a predictive value assigned by third parties, and users must draw their conclusions — in consultation with their doctors – about the medical implications of the information provided by our products and services.

12. TERMS & CONDITIONS AND PRIVACY POLICY

Please visit **www.miracare.com** for the latest Terms & Conditions and Privacy Policy.

13. SYMBOLS IN LABELING

Hangzhou Careomedic Tech Co., Ltd.
Rm. 3-4-3401, 161 Yifeng Rd., Qiantang New District, Hangzhou, Zhejiang, China

LOT — Lot number

Do not reuse

IVD For self-test — *In vitro* diagnostic medical device

Keep away from sunlight

Keep dry

-4°C 30°C — Temperature limitation

Attention. See Instructions for use

Instructions for use

Use by