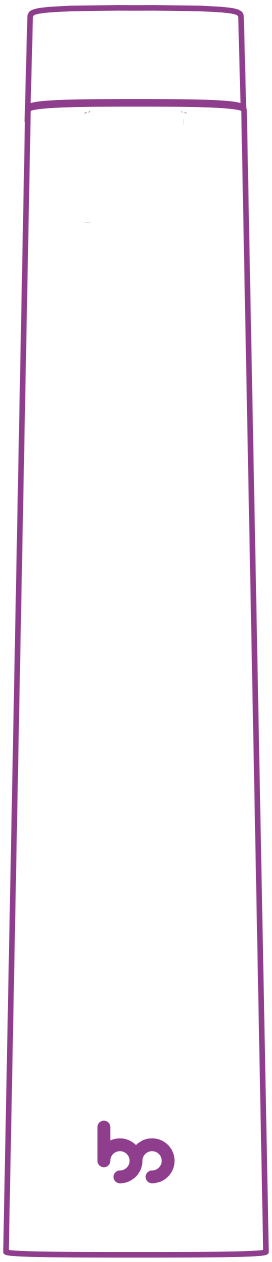

femometer®

Product name: IVY Model: FM-IVY-101

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Thank you for purchasing

For the safe use of this product, please read this User Manual first, and keep it properly after reading so that you may access and consult at any time. The warranty card is also included in the package. Please do not lose it.

1 Intended use

This product is used for the qualitative detection of luteinizing hormone in human urine. Luteinizing hormone is a type of gonadotropins, LH for short and also known as interstitial cell-stimulating hormone (LCSH). It is produced by the basophils in the anterior pituitary, and interacts with mature follicles, leading to ovulation and producing corpus luteum. It is a key hormone that accelerates egg release and corpus luteum formation. Ovulation is only initiated when its secretion is normal and reaches a certain amount. Average women of childbearing age ovulate once a month. Ovulation normally happens between 12 to 16 days before next menstruation. The egg released can only survive for 12 to 30 hours. Sperms can be alive in genital meatus for 2 to 3 days. There are only a couple of hours that are crucial for conception. Therefore, accurate forecasts of ovulation are essential to guide women who are trying to conceive in choosing the best time for intercourse for higher conception probability. They are also significant to guide women who are on birth control to avoid intercourse during ovulation.

2 Dos and Don’ts

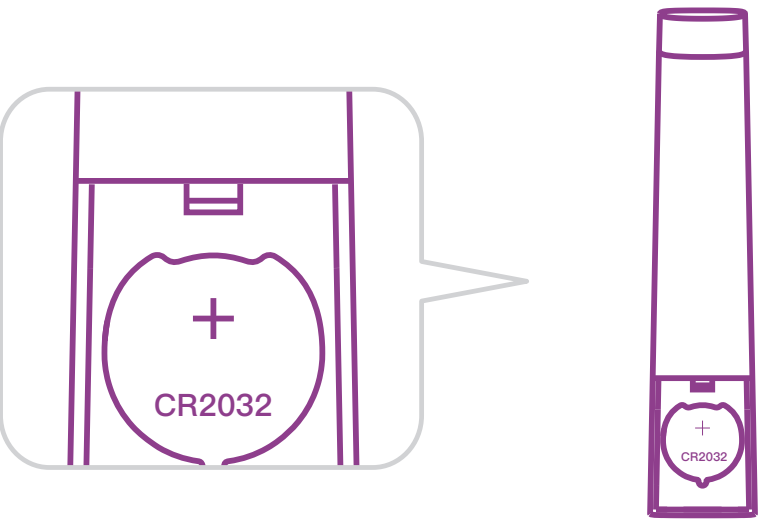
1. You can choose to use the urine of any of the three periods - morning, afternoon, or evening.
2. The test strip in the bag should be used immediately after unpacking to avoid failure caused by dampness.
3. Stop drinking water 2 hours before collecting the urine sample to prevent it from being diluted.
4. There is a desiccant in the aluminum foil bag. Do not eat it.
5. Product expired may not be used.
6. The urine cup can be reused.
7. Test strips are disposable and cannot be reused.
8. Please discard the test strips in a non-recyclable bin after use.
9. This product is for in vitro diagnostic use only.
10. This product is an auxiliary diagnostic device only. It cannot determine the actual amount of LH in a urine sample. The test results cannot serve as a basis for diagnosis.
11. The test result will be displayed through the LED light. Once the test is completed, the icon will be displayed for 30 seconds before it goes out. If you want to check the result again, simply pull out the test strip, or try to put the lid of Femometer IVY back on and pull it out again. The result from your latest test will be shown.
12. Battery disposal must comply with the regulations of the national government and environmental protection agencies.

⚠ Warning

Any measurement done by this product is for personal reference only. It is very dangerous for a patient to conduct self-diagnosis and self-treatment based on measurements only. Please be sure to follow your doctor’s instructions.

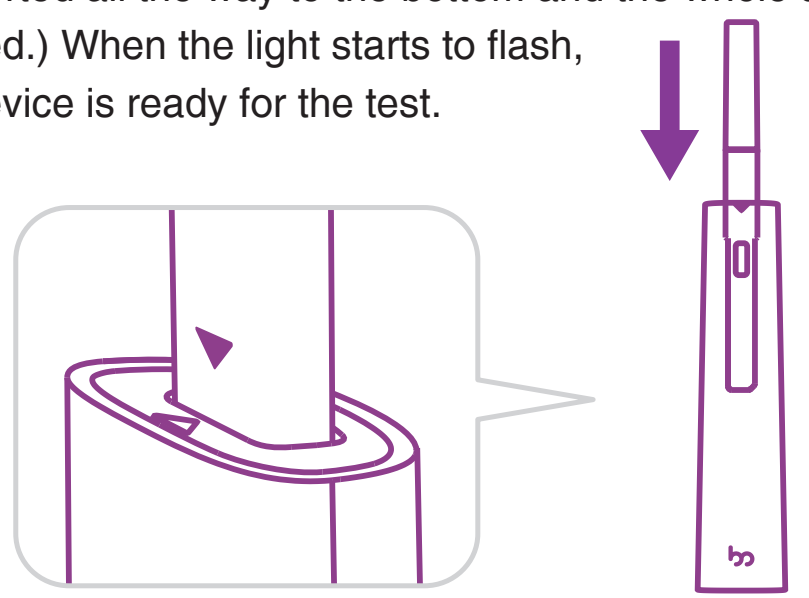
3 How to use

Step 1: Remove the battery cover. Install the button cell in the direction as indicated. When you hear a beep, it indicates that the battery has been inserted successfully. Put the battery cover back in place.



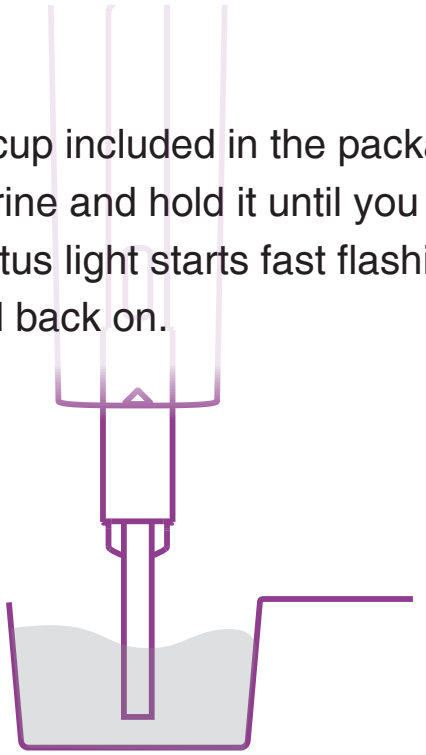
Step 2: Collect your urine in the cup included in the package. You can choose the urine from any of the three different time of the day - morning, afternoon and evening.

Step 3: Remove the lid of the main body. When you hear a beep, it indicates that Femometer IVY is on. Insert the test strip into the main body in the direction as indicated. (Please make sure that the test strip is inserted all the way to the bottom and the whole arrow has disappeared.) When the light starts to flash, it means the device is ready for the test.

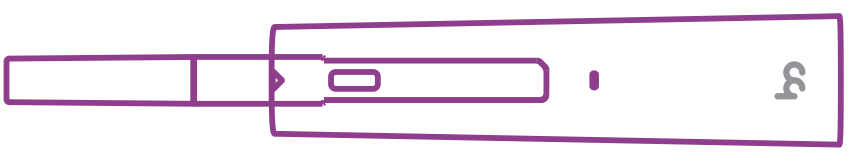


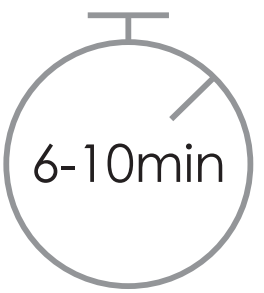
3 How to use

Step 4: Collect your urine in the cup included in the package. Dip the top of the test strip into the urine and hold it until you hear a "beep" (at the same time, the status light starts fast flashing). Then pull it out and put the test strip lid back on.



Step 5: Place the product on a flat surface. The LED light will be flashing during the testing. Wait for about 6-10 minutes till you hear three beeps which indicate that the test is completed. The test result will be displayed via the LED light. If the light goes out after some time, pulling out the test strip, or putting back & pulling out the main body lid again will enable the last test result to show again.





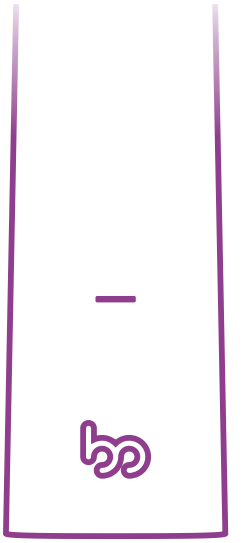
4 Test result

How to use Bluetooth:
1. Open the electronic device and APP.
2. Follow the APP prompts to bind the device.
3. After connecting, the data will be automatically synchronized via Bluetooth afterwards.

The measurement result will be displayed for 30 seconds.

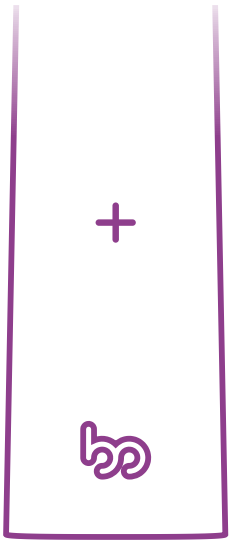
Symbol “-”

Indicates a negative result with a low probability of conception. Please test again after 12 hours. To ensure the accuracy of the tests, please test every day.



Symbol “+”

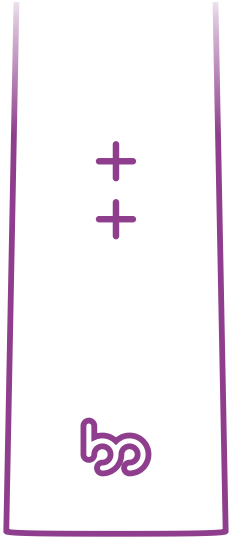
Indicates a positive result in which the test line is lighter than the control line. When it detects the rise of Luteinizing Hormone for the first time, “+” will be displayed, which indicates a high probability of conception. Please test every 4-6 hours afterwards. But don’t drink too much liquid before testing.



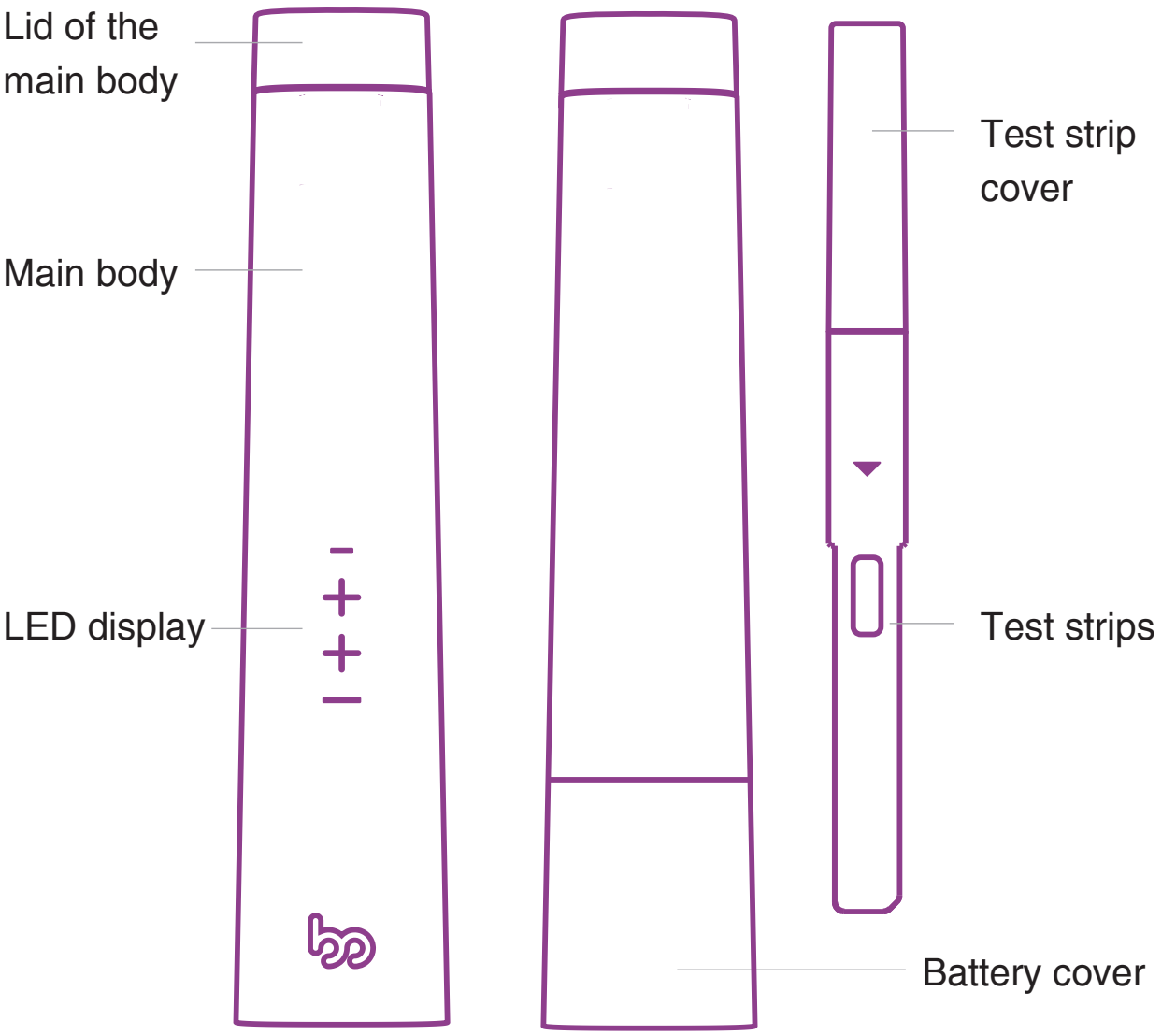
4 Test result

Symbol “++”

Indicates a positive result where the test line is of the same color as or darker than the control line. LH surge is detected. And you have the highest probability of conception. Please keep testing every 4-6 hours until it shows "+", which indicates that you have ovulated.



5 Product structure



Femometer IVY consists of the main body, Lid of the main body, test strips, and battery cover.

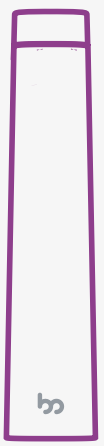
6 Legends

⚠ Warning | It means that misuse may cause injury or death.

⊘ Don’ts | It means that it is strictly prohibited.

7 List of accessories

Please confirm what’s in the package you have purchased. The package contains a Femometer IVY, a battery (CR2032 button cell), a user manual, a quick guide, a urine cup and 6 test strips. In case of anything missing, please contact us via support@femometer.com.



Main body

Test strips

Battery

User manual

Quick guide

Urine cup

8 Product specifications

Product name

IVY

Model

FM-IVY-101

Dimension

129mmX27mmX17mm

Weight

57g (Battery excluded)

Operation condition

Temperature:10℃-40℃
RH: ≤85%
Pressure : 86-106kpa

Storage condition

Temperature:-25℃-55℃
RH: ≤95%
Pressure : 86-106kpa

Service life

3 years (Battery excluded)

Battery

1*CR2032 Battery

9 Q&A

1. Q: What should I do if I open the lid and have a long, low-pitched sound?

A: The battery has run out. It is recommended to replace the battery.

9 Q&A

2. Q: Is the test strip inserted into the test long and flash red signal?

A: It is not possible to test used test strips. It is recommended to replace with a new test strip.

3. Q: The test is completed and the red light is on?

A: The test strip has failed and it is recommended to replace with a new test strip.

4. Q: Why is the testing duration not always the same?

A: The duration of the test is related to the amount of urine taken and the level of LH. But the test results will not be affected by the length of the testing time.

10 Disclaimer

This manual is written in accordance with available information and contents are subject to change without notice. Hangzhou Bangtang Network Technology Co., Ltd. has made the best effort to garantee the manual's accuracy and relability. However, the company does not assume liability for loss or damage caused by omissions, inaccuracies or typographical errors in this manual.
If there are discrepancies in this manual due to software upgrades, instructions and function dictated by the software.

11 Warranty

Product model: Remark:
Purchase data: Point of sales:

Note

• 1-year warranty (from date of purchase) is included under proper usage.
• Warranty doesn’t cover parts other than Earmo itself.
• Under these circumstances, repair will be charged.
• Warranty expired.
• Warranty card not shown to seller.
• Vague information on warranty card.

Warranty does not cover

• Product surface damage
• Battery
• Damages caused by improper using habit
• Improper inspection and maintenance
• Other irresistible reasons.

12 Copyright statement

Hangzhou Bangtang Network Technology Co., Ltd. reserves all rights, and retains the final right to interpret and revise this handbook and the statements contained therein. Copy right of this manual belongs to Hangzhou Bangtang Network Technology Co., Ltd. Without prior written permission, no company or individual is allowed to reproduce, copy or translate this manual or any information contained therein.

Hangzhou Bangtang Network Technology Co., Ltd.
Floor 12, 92 Yueda Street, Binjiang District, Hangzhou, China

13 Certificate

Femometer Ivy

Model: FM-IVY-101

Date of inspection/Checker:

Distributor: Hangzhou Bangtang Network Technology Co., Ltd.

F12 No.92 Yueda Valley, Binjiang District, Hangzhou, 310058 China

14 FCC warning

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

RF warning for Portable device:

The device has been evaluated to meet general RF exposure requirment. The device can be used in portable exposure condition without restriction.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

Scan QRcode for e-version of the manual

15 Quick Guide

Please read carefully before use.

1 Install the Battery

The package contains a brand new CR2030 battery, please install it according to the following instruction.

2 Download the Femometer App

Search "Femometer" in the App Store or Google Play, then download and install the Femometer App.

iOS 8.0+
iPhone 5s+

Download on the App Store

Android 4.3+

GET IT ON Google play

3 Pair the Femometer with the App

Open the App, sign up an account, enter the home page, and then click the icon on the top left corner to pair the Femometer.