PetTest

Blood Glucose Monitoring System
By
ADVOCATE®
Owner's Manual

Table of Content

English

Important Safety Instructions

- PetTest Blood Glucose Monitoring System is not intended for human blood glucose testing and may give inaccurate results when used on humans. DO NOT use on humans!
- PetTest Blood Glucose Monitoring System is intended for use outside the body only (in vitro diagnostic use).
- Only use PetTest BMB-BA002P Test Strips with PetTest Blood Glucose Meter. Other test strips may produce inaccurate results.
- Perform all quality control checks recommended in this Owner's Manual.
- As with all small parts in this system, these parts should be kept away from children who still put things in their mouths. If they are swallowed, promptly see a healthcare professional.
- Read all instructions thoroughly and practice the test before using the product to test your pet's blood glucose. Do all quality control checks as directed and consult with veterinarians.

Important Information about Your System

Intended Use

PetTest BMB-EV099X Blood Glucose Monitoring System by ADVOCATE® is intended for use outside the body (in vitro diagnostic use). It is used for quantitative measurement of glucose level in fresh whole blood samples drawn from dogs and cats.

PetTest BMB-EV099X Blood Glucose Monitoring Systems consists of the PetTest Blood Glucose Meter and PetTest BMB-BA002P Blood Glucose Test Strips. PetTest Control Solutions are for use with PetTest BMB-EV099X Blood Glucose Monitoring System as a quality control check to verify the accuracy of blood glucose test results.

Sampling Sites

Consult veterinarian for recommendation if you don't know which site is the best sampling site for your pet.
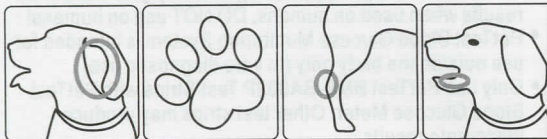
Marginal Ear Vein	Paw Pad	Leg Callus	Inner or Outer Lip
Both Dogs and Cats	Both Dogs and Cats	Dogs	Dogs only

Introduction of Your System

System Contents

PetTest BMB-EA099X Blood Glucose Monitoring System contains the following items:

PetTest Blood Glucose Meter
PetTest Owner's Manual
PetTest Quick Reference Guide
PetTest BMB-BA002P Blood Glucose Test Strips*
PetTest Control Solution*
Lancing Device*
Lancets*
Carrying Case*

Notes:
- (*) These contents may vary according to geographic markets. You must check your outer package. If any items printed on the outer box is missing from your package or the package is opened prior to use, please contact the place of purchase for assistance.
- For information on how to obtain accessories including test strips, lancets and control solutions, please contact Customer Support at 1-866-373-2824 for availability.

Meter Components

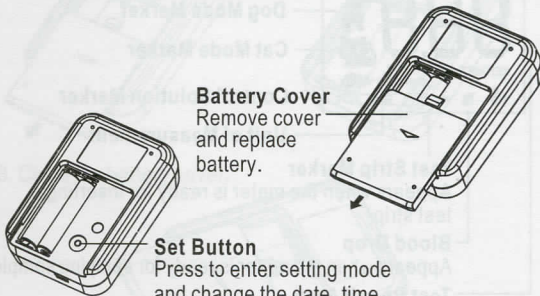**Test Strip Port**
Insert test strip. The meter turns on when you insert the test strip.

Display
Display results and other important information.

Main Button
Press to enter memory mode to review stored results or adjust setting.
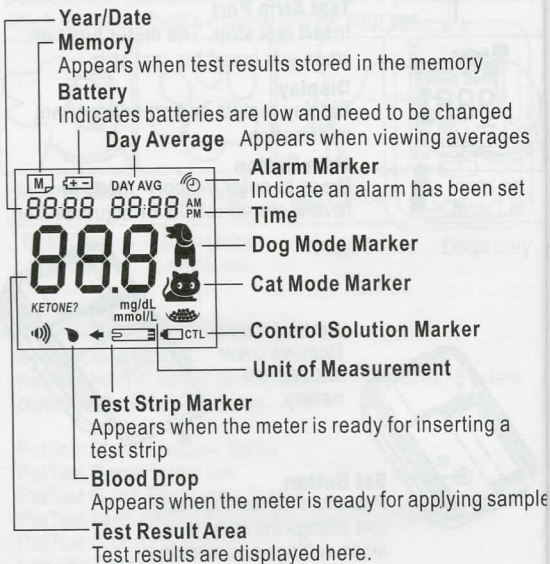
Battery Cover
Remove cover and replace battery.

Set Button
Press to enter setting mode and change the date, time, alarm settings and memory deletion.

Meter Display

Year/Date

Memory
Appears when test results stored in the memory

Battery
Indicates batteries are low and need to be changed

Day Average Appears when viewing averages

Alarm Marker
Indicate an alarm has been set

Time

Dog Mode Marker

Cat Mode Marker

Control Solution Marker

Unit of Measurement

Test Strip Marker
Appears when the meter is ready for inserting a test strip

Blood Drop
Appears when the meter is ready for applying sample

Test Result Area
Test results are displayed here.

Test Strip

Confirmation Window
Blood is drawn in and reacts with enzyme

Contact Bars
Insert this area to test strip port

Meter Set-Up

Install Batteries

Make sure that the meter is turned off before replacing the batteries.

1. Press the buckle on battery cover and lift up to remove cover.

2. Remove the old battery and replace with two 1.5V AAA alkaline batteries.
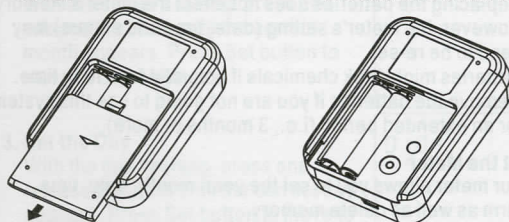
3. Close the battery cover.

Notes:

• Batteries should be replaced when the power of your meter is getting low by displaying battery symbol or the meter briefly shows "E-b" with battery symbol.

English

- After replace new batteries, the display check will appear briefly. That means the batteries are installed successfully.
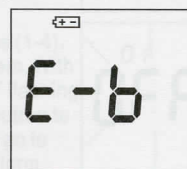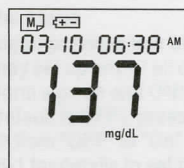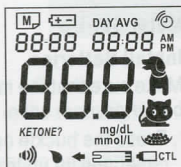

- Replacing the batteries does not affect the meter's memory. However, the meter's setting (date, time and alarms) may need to be re-set.
- Batteries might leak chemicals if not used for a long time. Remove the batteries if you are not going to use this system for an extended period (i.e., 3 months or more).

Set the Meter
Your meter allows you to set the year, month, date, time, alarm as well as delete memory.

- **Enter Setting Mode**
  Start with the meter off. Press Set button (the back of the meter).

- **Exit Setting Mode**
  Any time you want to exit setting mode, press and hold Set button for 2 seconds until the meter turns off.

- **Move Setting Faster**
  Hold M button down to scroll forward quickly until the number you desire appears.

1. Set the Year
Press Set button to enter Setting mode. The Year will be flashing. Press and release M button until the correct year appears. Press Set button to move to Month setting.
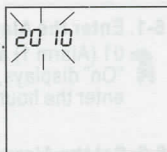
2. Set the Month
With the month flashing, press and release M button until the correct month appears. Press Set button to move to Day setting.

3. Set the Day
With the day flashing, press and release M button until the correct day appears. Press Set button to move to Hour setting.

4. Set the Hour
With the hour flashing, press and release M button until the correct hour appears. Press Set button to move to Minutes setting.

5. Set the Minutes
With the minutes flashing, press and release M button until the correct minute appears. Press Set button to move to Alarm setting.

6. Set the Alarm
The meter provides four alarms (1-4). You may set up any or all of them. With the alarm sign on and ON/OFF flashing (the default is OFF), press M button to switch from "OFF" to "On" and go to step 6-1 for details to set the alarm.

6-1. Enter the Alarm Setting

01 (Alarm 1) and 🕙 with flashing "On" displays, press Set button to enter the hour setting.
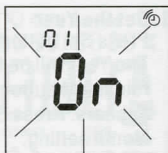
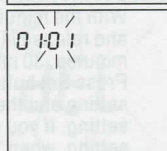## 6-2. Set the Alarm's Hour

With the hour flashing, press and release M button until the correct hour appears. Press Set button to move to Minutes setting.
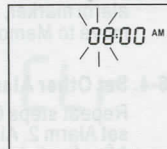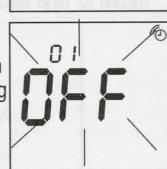
6-3. Set the Alarm's Minutes

With the minutes flashing, press and release M button to select 15 minutes, 30 minutes, or 45 minutes. Press Set button to finalize Alarm 1 setting and then move to Alarm 2 setting. If you want to leave alarm setting, when "OFF" displays with alarm marker, press Set button to move to Memory Deletion.

6-4. Set Other Alarms (2-4)

Repeat steps 6-1, 6-2 and 6-3 to set Alarm 2, Alarm 3, and Alarm 4. After finalizing Alarm 4, Press Set button to move to Select Unit mode.
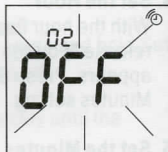
7. Select Unit

The default unit is mg/dL (indicated by flashing mg/dL). Press M button to toggle the unit setting to mmol/L (indicated by flashing mmol/L) and press Set button to move to Test Mode Setting.
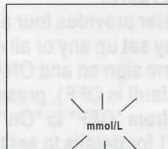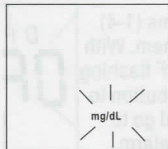
8. Test Mode Setting

The default test mode is Dog Mode (indicated by flashing dog mark). Press M button to toggle the test mode setting to cat mode (indicated by flashing cat mark) and press Set button to move to Delete Memory.
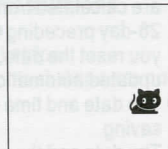
9.Delete Memory

When memory indicator "M" and flashing "dEL" appears, if you DO NOT want to delete memory, press Set button to skip this step. If you want to delete ALL memory, press and hold M button for 2 seconds to clear ALL memory.

When "CLr" is displayed on the screen, ALL memory is deleted.
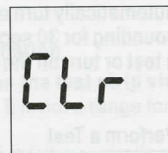
After pressing Set button or deleting memory, all set-ups are completed. The meter will show "OFF" and then turn off automatically.

Notes:

- The date, time and alarm can ONLY be changed in the setting mode. Therefore, when performing a glucose testing, those parameters cannot be altered.
- There are 3 kinds of average settings (7-, 14-,and 28-day) which you can access from the meter memory. These average are calculated from results obtained during the 7-, 14-,and 28-day preceding the current date settings. Beware that when you reset the date, the averages will be re-calculated and updated automatically based on the new date.
- The date and time might need to be adjusted due to daylight saving.
- The date and time setting might need to be reset after you replace the batteries.
- If no button is pressed for 2 minutes, the meter will turn off automatically.

Use the Alarm

When the alarm sounds, the meter will automatically turn on. The alarm will keep sounding for 30 seconds. You can perform a test or turn off the meter.

`07:04 07:15 ᴬᴹ`

Perform a Test
Insert a test strip into the test strip port and follow the Blood Glucose Test instructions.

`07:04 11:00 ᴬᴹ`

Turn off the Alarm
Press M button to turn off the meter or leave the alarm sounding for 30 seconds and then the meter will turn off.

`OFF`

Cancel the Alarm
Follow manual's "Set the Meter" instructions to cancel the alarm.

Quality Control

PetTest Level 1, Level 2 and Level 3 Control Solutions are able to check if the meter and the test strips are working together as a system. It is very important that you do this simple check routinely to make sure results are accurate.

When to check your system with control solutions

- Before using the meter for the first time.
- When you begin using a new vial of test strips.
- Whenever you suspect that the meter or test strips are not working properly.
- After cleaning your meter.
- At least once a week.
- To check your technique.
- When you think results might be wrong.
- When your test strips are exposed to extreme environmental conditions (below 39.2°F(4°C), or above 104°F(40°C), above 85% R.H. or below 15% R.H.).
- If you drop the meter.
- If you leave the strip vial cap opened.

Important Control Solution Test Information

- **The control solution range printed on the test strip vial is for PetTest Control Solution only.** It is not a range for the animal's blood glucose level .
- Use only PetTest Control Solutions. Check the expiration date on the control solution vial. Do not use if it is expired.
- Record the discard date (the date the vial opened plus 90 days) on the control solution vial. Discard unused strips after expiration date.
- Store the control solution tightly closed at temperatures between 35°F -86°F(2°C -30°C). Do not freeze.
- Bring control solution, meter, and test strips to the room temperature before testing.
- Shake the vial before use. Discard the first drop of control solution. After squeezing, wipe off the dispenser tip to avoid contamination. The above tips ensure you get a good sample and an accurate result.

- Every time you perform a control solution test, you must enter into the "CTL" mode to avoid storing the control result in the meter memory. Failure to do so will confuse the blood glucose result with the control solution result in meter's memory.

Run a Control Solution Test

1. Fully insert a test strip to the meter with the contact bars end first. Push it in until it goes no further. The meter will turn on and the display check will appear briefly.
2. When the flashing apply blood symbol appears on the display, press M button twice until a control bottle with "CTL" appears. Control results marked with a control bottle and "CTL" will NOT be stored in the meter's memory.
3. Shake the control solution vial well. Remove the cap and squeeze the vial to discard the first drop. Then wipe off the dispenser tip to prevent contamination. Squeeze the vial again to produce another drop and place this drop on a clean surface.
4. Hold the meter to touch the drop until the meter beeps and begins to count down. To avoid contaminating the control solution with the content of the test strip, DO NOT directly apply control solution into a strip.
5. After 5 seconds, the control solution test result appears. Compare the result with the range printed on the test strip vial. The result should fall within this range. Remove the used strip, the meter will automatically turn off.

If the result is not in the acceptable range, it may be caused by:

- Performing the test improperly.
- Not shaking the control solution vial well enough.
- Using expired or contaminated control solution or test strips.
- Control solution is stored at environment out of the specified temperature range, which is from 35°F to 86°F(2°C -30°C).
- Test strips are stored at environment out of the specified temperature range or humidity range, which are from 39.2°F to 104°F(4°C -40°C), 15~85% R.H (non-condensing).
- Using the first drop of control solution.
- Using a damaged meter.

If you continue to get control solution test results that fall outside the range, the system may be not working properly. **DO NOT** use the system to test blood glucose.
Contact Customer Support at 1-866-373-2824 for help.

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Blood Glucose Test

Make sure you have all items needed to test before you perform your blood glucose test.

- Blood Glucose Meter
- Test Strips
- Lancing Device
- Sterile Lancets

Warnings:

To reduce the chance of biohazardous infection

- Lancets are for single use only. Always use a new, sterile lancet.
- Keep the meter, the lancets and the lancing device clean before using.
- Wash hands thoroughly with soap and water after handling the meter, lancing device, or test strips.

Prepare for the Test

1.Select the test site

There are many sites to obtain capillary blood samples from your pets: the marginal ear vein in both cats and dogs; paw pads in cats and dogs; leg callus in dogs; inner or outer lip for dogs only.
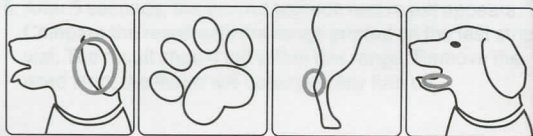
Warming the area will help increase blood flow. This can be done by:

- Gently rubbing the test site or
- Applying a warm (not hot) cloth to the test site. If using a wet cloth, place the cloth inside a plastic bag to avoid diluting the blood sample.

2. Wash your hands and the test site with warm water and soap to ensure accurate results. Thoroughly dry your hands and test site of your pet.

3. Remove the round cover from the lancet and prick the test site.

4. Gently apply pressure to the test site with sterile gauze or cotton wool to help stop the blood flow.

Run a Blood Glucose Test on Your Pets

1. Insert test strip from vial

Fully insert the test strip into the meter until you feel it stop against the end of the meter guide.

2. Choose Dog Mode/ Cat Mode/ CTL mode

You can choose three modes by pressing M button. If you miss the desired mode, you can continue pressing M button to go back.

Dog Mode

When the dog marker is displayed and the flashing "Blood drop" indicator appears on the display, go to step 4 for obtaining a drop of blood or press M button to move to Cat Mode.

Cat Mode

When the cat marker is displayed and the flashing "Blood drop" indicator appears on the display, go to Step 4 for obtaining a drop of blood or press M button to move to CTL Mode.

English

English

CTL Mode

When the control solution marker is displayed and the flashing "Blood drop" indicator appears on the display. You can perform a control solution test or press M button to move back to Dog Mode.

```
07:04  11:00 ᴬᴹ

▶ ◀ ▭▬ ▮ ❚CTL
```
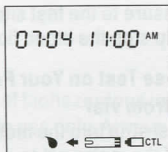
3. Apply Sample to the Test Strip

Apply the sample to the test strip tip. The minimum blood sample size is 0.3µl (•). Blood will be drawn into the strip. Keep holding the drop of sample to the hole of the test strip until the confirmation window is full and the meter begins count down. Please note that if the confirmation window is not filled with blood, the test result may be inaccurate.

| 🔲 OK | 🔲 NOT O |
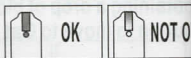
4. Get Result

After 5 seconds, your blood glucose test result appears. This result will be automatically stored in the meter's memory.

```
07:04  11:00 ᴬᴹ

110🐕
mg/dL
```

Expected Blood Glucose Values

Normal glucose ranges for cats and dogs without diabetes is about 75~120 mg/dL (4.2~6.7 mmol/L).[1] Many factors will affect blood glucose values such as food intake, medication dosages, health, stress, or exercise. You can consult veterinarian for appropriate "expected blood glucose values" for pets.

Limitations

A. The test strips are used for fresh whole blood samples.
B. DO NOT perform glucose tests on your pets when your pets are sick or in poor body conditions.
C. DO NOT use newborn animals blood sample.
D. Not to be used for diagnosis or screening of diabetes.
E. Extreme humidity may affect the results. A relative humidity greater than 85% or lower than 15% may cause incorrect results.
F. The system should be used at a temperature between 50°F - 104°F(10°C - 40°C). Outside this range, the system halts.
G. DO NOT reuse the test strips. The test strips are for single use only.
H. Red blood cell count (Hematocrit); hematocrit levels between 20% and 60% will not significantly affect the results; hematocrit levels below 20% may cause higher results; hematocrit levels above 60% may cause lower results. If you do not know hematocrit level of your pets, please consult with veterinarians.

Meter Memory

The meter stores the last 400 blood glucose test results along with the date and time. It also provides you with 7-, 14-, and 28-day averages of dog and cat blood glucose results, respective. You can begin to review results stored in the meter's memory following the next steps.

Enter Memory Mode

Start with the meter off. Press M button until a test strip marker appears.

Exit Memory Mode

Any time you want to exit memory mode, press and hold M button for 2 seconds until the meter turns off.

7-, 14-, and 28-Day Average Results

1. Enter Memory Mode

When the meter is off, press and release M button. The meter will show flashing strip symbol, it means you can insert a test strip now. If you do not want to test a blood, press M button to view 7-day average result for Dog mode.

`03:08 08:00 A`

2. 7-Day Average Dog Result

The 7-day average dog result appears after press and release M button. **07 DAY AVG** = your 7-day average. **30**= indicates the number of results included in average.

🐕 =Dog marker

`030   07   DAY AVG   118 mg/dL`

3. 7-Day Average Cat Result

Press M button again and 7-day average Cat result appears. **07 DAY AVG** = your 7-day average. **30**= indicates the number of results included in average.

🐈 =Cat marker

`030   07   DAY AVG   118 mg/dL`
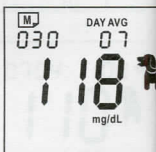
4. 14-Day Average Results for Dog Mode, and Cat Mode

Press M button again, 14-day average Dog Mode result appears. Like Step 2 to 3, 14-day average Dog Mode, and Cat Mode result will appear in order.

5. 28-Day Average Results for Dog Mode, and Cat Mode

After 14-day average result, press M button, 28-day average Dog Mode result appears. Like Step 2 to 3, 28-day average Dog Mode, and Cat Mode result will appear in order.

Continue to press the M button to view stored test results. The most recent result will display first.

Test Results

1. View Test Results

After viewing 28-day average result, press M button again. The most recent result with date time, and Dog/Cat mode marker will be shown on the display.

`030   07   DAY AVG   118 mg/dL`
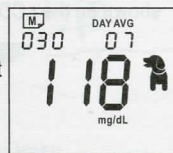
2. View Second Most Recent Result

Press the M button once by once to recall the test results stored in the meter consecutively

3. After viewing the last result, press M button again and the meter will be turned off.

`OFF`

English

Note:

- 400 blood glucose tests with date time, and Dog/Cat mode marker will be stored in the memory. Once the limit is exceeded, the oldest glucose test result will be removed consecutively.
- The control solution results are NOT stored in the memory. The list of past results and the result average are for blood glucose results only.
- The stored results marked with a Dog marker (🐾)/Cat marker (🐱) depend on which mode you chose before the test procedure.
- If no button action is detected for 2 minutes, the meter will show "OFF" and turn off automatically.
- If no results are stored in the meter's memory, "---"will be shown on the LCD.

Maintenance

1. Cleaning Process

1-1. Take disinfectant CaviWipesXL towelette from the container.

1-2. Wipe down the entire meter and lancing device, including the clear cap used for alternative site testing, until the debris or the bioburden is removed. After airdrying, go to Step 2: Disinfection Process.

1-3. Discard the used disinfectant wipe in trash.

2. Disinfection Process

A cleaning step is required prior to each disinfection step.

2-1. Take a new disinfectant CaviWipesXL from the container.

2-2. Wipe down the entire meter enough to thoroughly wet the surface (3 passes horizontal and 3 passes vertical as shown below) to complete the disinfection procedure. Allow the devices to remain wet for a 2-minute contact time. Similar disinfecting procedure applies to the lancing device. Do disinfection at least once per week.

Note:

- 400 blood glucose tests with date time, and Dog/Cat mode marker will be stored in the memory. Once the limit is exceeded, the oldest glucose test result will be removed consecutively.
- The control solution results are NOT stored in the memory. The list of past results and the result average are for blood glucose results only.
- The stored results marked with a Dog marker (🐕)/Cat marker (🐈) depend on which mode you chose before the test procedure.
- If no button action is detected for 2 minutes, the meter will show "OFF" and turn off automatically.
- If no results are stored in the meter's memory, "---"will be shown on the LCD.

Maintenance

1. Cleaning Process

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A cleaning step is required prior to each disinfection step.

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2-2. Wipe down the entire meter enough to thoroughly wet the surface (3 passes horizontal and 3 passes vertical as shown below) to complete the disinfection procedure. Allow the devices to remain wet for a 2-minute contact time. Similar disinfecting procedure applies to the lancing device. Do disinfection at least once per week.

2-3. Discard the used disinfectant wipe in trash.

2-4. Wash hands thoroughly with soap and water after handling the meter, lancing device, or test strips.

Perform the physical appearance check and performance check after each cleaning or disinfecting process. Check items are shown in the tables below.

Physical appearance check list for glucose meter

Check item	Acceptance Standard
Display transparency	The surface of meter display is being transparent and difficult to read information from it.
Legibility of marking	The mark of meter is impossible or hard to read.
Polymer crazing	It looks like a network of fine cracks on the surface of meter.
Cracking	The formation of a fracture or partial fracture in meter.
Swelling	The increase of volume of meter.
Dissolving	The meter become to melt.
Softening	The surface of meter become less hard.
Becoming brittle	The surface of meter become hard but easily broken.
Deformation	Meter is changed temporarily or permanently in the shape of body part.
Cloudy	Having cloudlike housings.

Performance check list for glucose meter

Check items	Signs of Deterioration
Power on	The meter power is not turned on by inserting test strip.
Button function	" CTL" doesn't show on the display after pressing Main button for CTL mode.
Testing	Perform the control solution test. If the control test result doesn't fall within the control solution range specified on the strip vial, the blood glucose meter might be malfunction.

Physical appearance check list for lancing device

Check item	Signs of Deterioration
Polymer crazing	It looks like a network of fine cracks on the surface of lancing device.
Cracking	The formation of a fracture or partial fracture in lancing device.
Swelling	The increase of volume of lancing device.
Dissolving	The lancing device become to melt.
Softening	The surface of lancing device become less hard.
Becoming brittle	The surface of lancing device become hard but easily broken.
Deformation	Lancing device is changed temporarily or permanently in the shape of body part.
Cloudy	Having cloudlike housings.

Performance check list for lancing device

Check items	Signs of Deterioration
Lancing function	The lancing device cap doesn't perfectly fit the main body of the device.
Cocking function	The lancet holder can't hold the lancet firmly or the cocking control can't be cocked back successfully.
Ejector function	The device doesn't work after pressing the trigger.

In case the result is not acceptable, stop using the device and contact customer care service at 1-866-373-2824 for replacement with a new device.

English

English

Note:

- **DO NOT squeeze the towel. It might cause meter malfunction by soaking the test strip port with excess liquid disinfectant.**
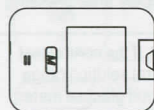
Virucide cannot drop into the strip port.
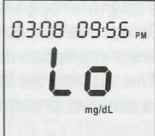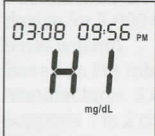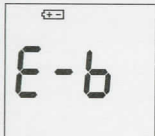
- Wash hands thoroughly with soap and water after handling the meter, lancing device, or test strips.
- Any trouble performing cleaning and disinfection procedure on the meter and lancing device, please contact Customer Support for technical assistance.
- Stop using the meter or lancing device if signs of deterioration are noticed.
- The CaviWipesXL has been shown to be safe for use with PetTest BMB-EV099X blood glucose meter and lancing device for 3,000 cleaning and disinfection cycles (6,000 times wiping).
- Based on the robustness study performed by the manufacturer, 3,000 cleaning and disinfection cycles supports 1 to 2 cleaning and disinfection cycles per day over the 5 years use life of the meter and lancing device. The meter and lancing device must be replaced with a new one at the end of cleaning and disinfection cycles or over 5 years use life, whichever comes first.
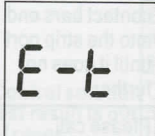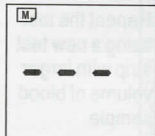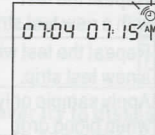
Storage

- Always store or transport your meter, test strips, and control solution in the carrying case after each use. Avoid strong impact or dropping your system.
- Store your meter, test strips, and control solution in a cool and dry place. Keep away from direct sunlight and heat.
- Store your meter and strips at 39.2°F to 104°F(4°C to 40°C), 15~85% R.H.
- Immediately close the strip or control solution vial cap tightly once you have retrieved a strip or finished a control test to avoid contamination or damage.
- Write down the discard date on the vials after first opening (90 days from the first time you open). Do not use test strips and control solutions that have passed their expiration dates.
- Keep the strip vial away from children. The cap and the test strip may present a choking hazard. If swallowed, promptly see a doctor for help.

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This system displays messages when there are problems with the test strip, with the meter, or when your blood glucose levels are lower than 20 mg/dL (1.1 mmol/L) or higher than 600 mg/dL (33.3 mmol/L). These messages help to identify certain problems but do not appear in all cases when a problem has occurred. Improper use may cause an inaccurate result without producing an error message. In the event of a problem, refer to the information under "What to do".

Message	What it means	What to do
03:08 09:56 PM **Lo** mg/dL	Blood glucose result is lower than 20 mg/dL or 1.1 mmol/L (below measurement limit).	Seek immediate medical assistance.
03:08 09:56 PM **HI** mg/dL	Blood glucose result is higher than 600 mg/dL or 33.3 mmol/L (above measurement limit).	Seek immediate medical assistance.
E-5	The test strip cannot be identified. A previously used test strip may have been inserted.	Use a new test strip to perform the test. Be sure you use PetTest BMB-BA002P Test Strips.
E-b	Batteries are dead.	Replace the batteries immediately.

Message	What it means	What to do
M 03:10 06:38 AM **137** mg/dL	When battery symbol displays with the test result, battery power level is low.	Replace the batteries as soon as possible.
E-t	Operating temperature is out of range.	Move to an area between 50°F and 104°F (10°C and 40°C) to let the meter adjust to this temperature for 20 minutes before performing a test.
M **- - -**	No results are stored in the meter's memory.	No action is required.
	No average results are stored in the meter's memory.	No action is required.
07:04 07:15 AM	The alarm sounds to remind you of performing a test.	Insert a new test strip to perform a test or press M button to turn off the meter.

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Message	What it means	What to do
Meter does not display a message after inserting a test strip	Possible dead battery.	Replace the battery.
	Battery incorrectly installed or missing.	Check that the battery is correctly installed.
	Test strip inserted upside down or incompletely.	Insert the strip contact bars end into the strip port until it goes no further.
	Defective meter.	Please call Customer Support for help.
Test does not start after applying the sample	Insufficient blood sample.	Repeat the test using a new test strip with larger volume of blood sample.
	Defective test strip	Repeat the test with a new test strip.
	Sample applied after automatically shutoff (2 minutes after last user action).	Repeat the test with a new test strip. Apply sample only when blood drop symbol appears on the display.
	Defective meter.	Please call Customer Support for help.

Message	What it means	What to do
	Error in performing the test.	Read the instruction thoroughly and repeat the test again.
	Do not shake the control solution vial very well.	Shake the control solution vigorously and repeat the test again.
	Expired or conta- minated control solution.	Check the expiration date or the discard date of the control solution.
Control solution test result is out of range	Control solution that is too warm or too cold.	Control solution, meter, and test strips should come to room tempe- rature 66-77°F(20- 25°C) before testing.
	Control solution is stored at environ- ment out of the spe- cified temperature range, which is from 35°F to 86°F(2°C to 30°C).	Use a new bottle of control solution that has been stored at specified temperature range.
	Test strip deterioration.	Repeat the test with a new test strip.
	Defective meter.	Please call Customer Support for help.

Never try to disassemble the meter in any circumstances. If you encounter any error messages not listed above or if you have followed the actions recommended but the problem remains unsolved, please call Customer Support at 1-866-373-2824 for support.

English

Specifications

Model No.	BMB-EV099X
Dimension	60mmx85mmx22.2mm
Weight	60g without batteries
Power Source	Two 1.5V AAA alkaline batteries
Battery Life	Over 1000 tests
Auto Turn-off	2 minutes after idle.
Test Sample	Capillary whole blood
Sample Size	0.3 microliter
Test Time	5 seconds
Measurement Range	20 to 600 mg/dL (1.1 to 33.3 mmol/L)
Meter/Strip Storage Condition	39.2°F to 104°F (4°C to 40°C), 15~85% R.H.(noncondensing)
Operating Condition	50°F to 104°F (10°C to 40°C), 15~85% R.H.(noncondensing)
Control Solution Storage Condition	35°F to 86°F (2°C to 30°C)
Memory	400 blood glucose tests with date and time

The device has been certified to meet the electrical and safety requirements of: EN/IEC 61010-1, EN/IEC 61010-2-101, EN/IEC 61326-1,EN/ IEC 61326-2-6, EN/IEC 60601-1-2 and EN/IEC 60601-1.

Statements

- The equipment complies with IEC 61326-1. Emissions are low and not likely to cause interference in nearby electronic equipment.
- The equipment is tested for immunity to electrostatic discharge as specified in IEC 61000-4-2, at a level of 8kV for Air Discharge and 6kV for contact discharge.
- The equipment is tested for immunity to radio frequency interference at the frequency range of 80 MHz to 2.7GHz.

Warranty

Diabetic Supply of Suncoast, Inc. warrants to the original purchaser that this instrument will be free from defects in materials and workmanship for a period on ONE (1)year from the date of purchase (except as noted below). The warranty is not transferable. This warranty is subject to the following exceptions and limitations:

1.This warranty is valid only if the Warranty Registration Card is completed with date of purchase and serial number and sent to Diabetic Supply of Suncoast, Inc. office within 14 days commencing from the date of purchase.

2.This warranty is limited to replacement due to defects in parts and workmanship.

3.This warranty does not apply to the performance of this product that has been damaged due to abuse, accidents, alteration, misuse, neglect, maintenance by someone other than Diabetic Supply of Suncoast, Inc. or failure to operate the instrument in accordance with instructions. Further, Diabetic Supply of Suncoast, Inc. assumes no liability for malfunction or damage caused by the use of redistributors other than redistributors manufactured or recommended by Diabetic Supply of Suncoast, Inc.

Diabetic Supply of Suncoast, Inc. reserves the right to make changes in design of this instrument without obligation to incorporate such changes into previously manufactured instruments.

References

1. Merck Veterinary Manual: Diabetes Mellitus. Revision May 2013 by David Bruyette, DVM, DACVIM.

Symbol Information

Symbol	Reference	Symbol	Reference
IVD	In vitro diagnostic medical device	LOT	Batch code
⊗	Do not re-use	▲▲	Manufacturer
🗉	Consult instructions for use	SN	Serial number
🌡	Temperature limitation	⚠	Caution, consult accompanying documents
☀	Keep away from sunlight	☣	Biological risks
%	Humidity Limits	CE	CE marking
⧖	Use by		

The meter should be treated as contaminated and disposed of according to local safety rules. It should not be disposed of with waste electronic equipment. If battery is removable, the battery must be disposed of in accordance with laws in your country. Contact your competent local administration for information on the relevant laws regarding disposal and recycling in your area.

English

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Daily Log Book

Pet's Name:			Date Started:		
Date	Time	Blood Glucose	Appetite	Units of Insulin	Time of Injection

Pet's Name: _____

Date Started: _____

Date	Time	Blood Glucose	Appetite	Units of Insulin	Time of Injection

Pet's Name: _____

Date Started: _____

Date	Time	Blood Glucose	Appetite	Units of Insulin	Time of Injection

🐾 Daily Log Book

Pet's Name:				Date Started:	
Date	Time	Blood Glucose	Appetite	Units of Insulin	Time of Injection

🐾 PetTest

Blood Glucose Monitoring System
By
ADVOCATE®