



Blood Glucose Monitoring System

USER MANUAL INSTRUCTIONS

for PetTest® Meter BMB-EV099X
and PetTest® PetLink+ BMB-EV099L



PetTest® Meter Classic
BMB-EV099X



PetTest® PetLink+ Meter
BMB-EV099L

Thank you for choosing PetTest as your glucose monitoring system. The first, most important part of using your new PetTest meter is to register your meter with us online. When you register your meter you are assured that:

- 1) We can notify you about any important updates or changes to your meter.
- 2) Registering confirms the full warranty period of your PetTest meter.
- 3) Registering provides you peace of mind that you are protected.

To Register your new PetTest Meter:

Go to: ShopPetTest.com

Click on WARRANTY REGISTRATION in the QUICK LINKS section.

Enter your information and meter serial number. That's it!

Thank you!



Table of Contents

Important Safety Instructions	04
Important Information About Your System	04
Intended Use	04
Sampling Sites.....	05
Introduction to the PetTest Meter System	05
System Contents	05
Meter Components.....	06
Meter Display Legend.....	07
Test Strip Description.....	07
Meter Set-Up	08
Installing Batteries	08
Setting Up the Meter.....	09
Deleting Memory.....	11
Using the Alarm.....	11
Setting Up the PetLink+ BLE (Wireless Transfer) Connection	12
Testing Using Control Solution	14
When to Check Your Test Strip with Control Solution.....	14
How to Proceed with a Control Solution Test.....	15
Blood Glucose Testing	16
Preparing to Test.....	16
Testing Your Pet's Blood Glucose Levels.....	18
Important Blood Glucose Testing Limitations	19
Understanding Your PetTest Meter Memory	20
7-, 14-, 28- Day Average Results	20
Test Results	21
Maintenance & Storage	21
Error Messages and Troubleshooting	22
Specifications for Both PetTest Meters	25
Statements	25
Warranty	26
Symbol Information	27

Important Safety Instructions for Basic and Petlink+ PetTest Meters

- The PetTest Blood Glucose Monitoring System is not intended for human blood glucose testing and will give inaccurate results when used on humans. DO NOT test on humans!
- The PetTest Blood Glucose Monitoring System is intended for use outside the pet's body only (in vitro diagnostic use).
- Only use PetTest BMB-BA002P Test Strips with the PetTest Blood Glucose Meter. Other test strips will produce inaccurate results or fail entirely.
- Perform all quality control checks recommended in this User's Manual before testing on your pet.
- Please keep all parts of this testing system away from children who may place them in their mouth. If any pieces are accidentally swallowed, promptly see a healthcare professional.
- Thoroughly read all instructions and practice testing before using the product on your pet. Perform all quality control checks first, and remember to consult with your veterinarian before testing on your pet.
- Failure to follow instructions may cause incorrect test results. This device is for use under the direction of a veterinary professional.
- Home testing results are not a substitute for veterinary advice. The PetTest testing system is designed to aid in the treatment of pet diabetes. Always consult with your pet's veterinarian prior to starting new treatments. PetTest makes no recommendations on treatment options and is solely a system for measuring blood glucose levels in dogs and cats.

Important Information about Your System Intended Use

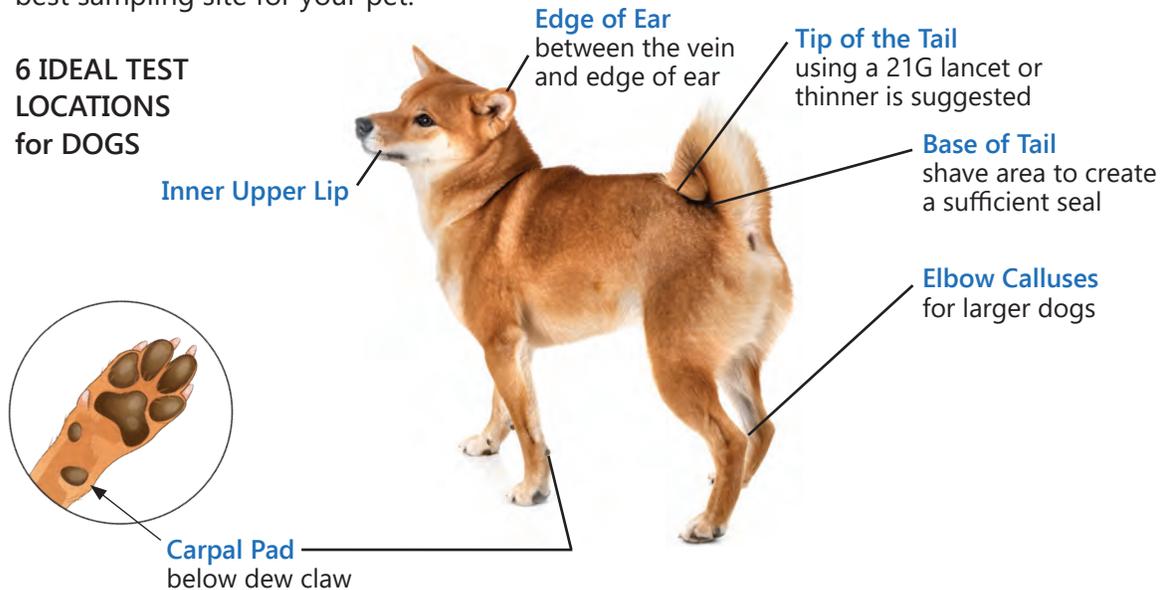
The PetTest Blood Glucose Monitoring System Kit is intended for use outside the body (in vitro diagnostic use). It is used for the quantitative measurement of glucose levels in fresh capillary whole blood samples that are drawn from dogs and cats.

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

Sampling Sites

Locate the desired area you are planning to draw blood. Use the diagram below or consult with your veterinarian for a recommendation if you are not sure which is the best sampling site for your pet.

6 IDEAL TEST LOCATIONS for DOGS



Note: For cats, the marginal ear vein is your best option for obtaining blood. See page 16.

Introduction to the PetTest Meter System System Contents

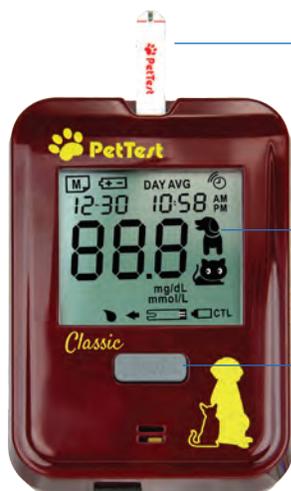
The PetTest Blood Glucose Monitoring System contains the following items:

- PetTest Blood Glucose Meter
- PetTest BMB-BA002P Blood Glucose Test Strips
- PetTest Control Solution
- Lancing Device*
- Lancets (Twist Top or Pull Top)
- PetTest Quick Reference Guide
- Carrying Case

Note:

- (*) These contents may vary according to geographic markets. Please check the outer package. If any items printed on the outer box are missing from your package or the box is opened prior to use, please contact the point of purchase for assistance.
- For information on how to obtain accessories including test strips, lancets, and control solutions please contact Customer Support 24/7 at 1-888-469-3579.
- To download this user manual and other manuals, go to www.ShopPetTest.com and click on Quick Links.

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.

"M" or Main Button

Press to setup the meter, adjust settings, and to access the memory mode.



Battery Cover

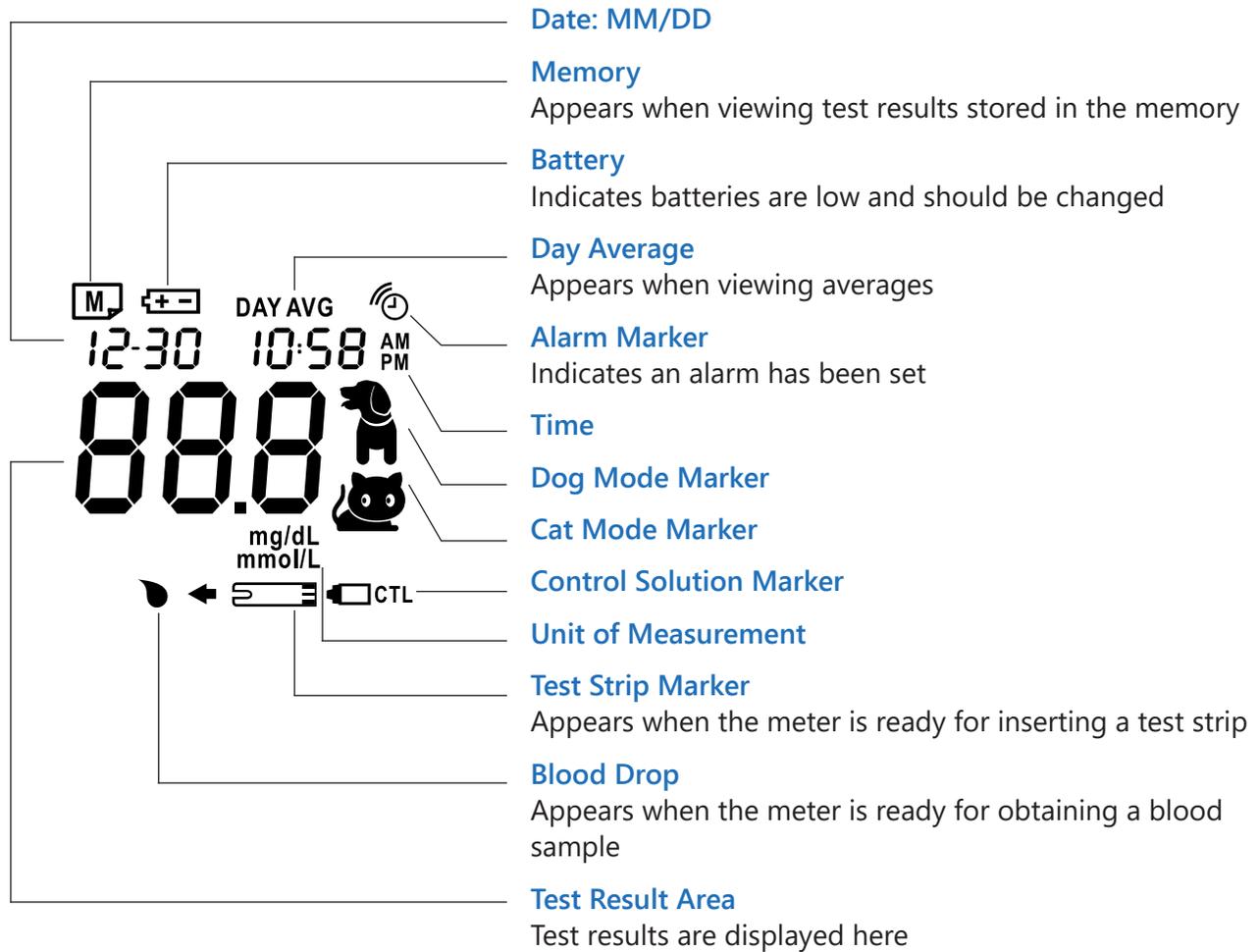
Remove cover to replace batteries and to access the "Set" button.



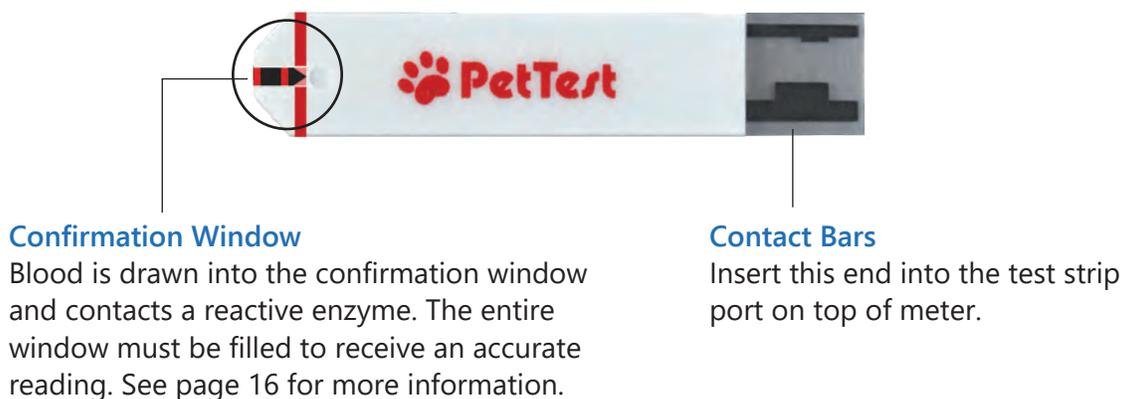
Set Button

Press to enter setting mode for initial setup and to change the date, time, alarm settings and memory deletion.

Meter Display Legend



Test Strip Description



Note: The testing range for each test strip is printed on the test strip foil. Do not throw away.

Meter Set-Up

Installing Batteries

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



1. Place one or two thumbs on the battery cover and slide the cover down to remove.



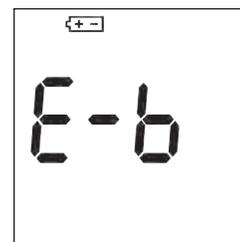
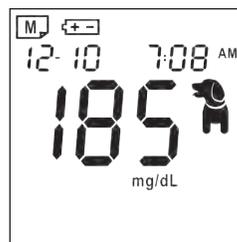
2. Remove the old batteries and replace with two new 1.5V AAA alkaline batteries, paying attention to the ⊕ and ⊖ orientation of the batteries (depicted underneath).



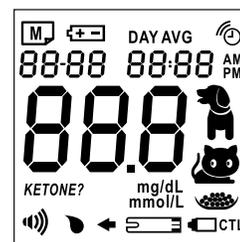
3. Close the battery cover.

Note:

Low batteries are indicated on the display by the battery symbol or a brief display of "E-b" along with the battery symbol.



4. After installing new batteries, press the **M** button, the display 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 reset.
- As a precaution, remove the batteries if you are not going to use this system for an extended period (i.e., 3 months or more). All batteries may leak chemicals if not used for a long period of time.

Setting Up the Meter

Your meter allows you to set the year, month, date, time, alarms, as well as delete memory results.

Note:

Entering the Settings Mode

Start with the meter off. Press the **SET** button located on the back of the meter and beneath the battery cover.

Exiting the Setting Mode

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

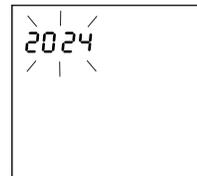
Speeding Up the Time Setting

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



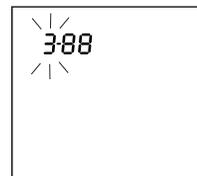
1. Setting the Year

Press the **SET** button to enter the Setting mode. The Year will be flashing. Press and release the **M** button until the correct year appears. Press the **SET** button to move to the Month setting.



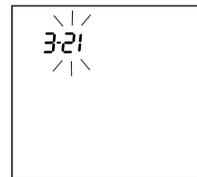
2. Setting the Month

With the month flashing, press and release the **M** button until the correct month appears. Press the **SET** button to move to the Day setting.



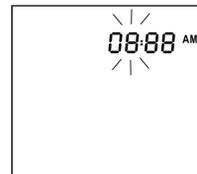
3. Setting the Day

With the day flashing, press and release the **M** button until the correct day appears. Press the **SET** button to move to the Hour setting.



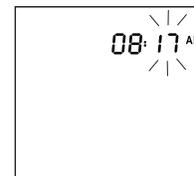
4. Setting the Hour

With the hour flashing, press and release the **M** button until the correct hour appears. Press the **SET** button to move to the Minutes setting.



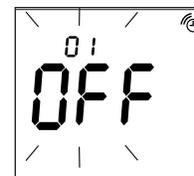
5. Setting the Minutes

With the minutes flashing, press and release the **M** button until the correct minute appears. Press the **SET** button to move to the Alarm setting. You may also hold the **M** button down to more quickly advance the minutes.



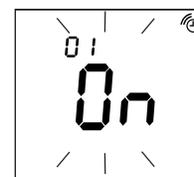
6. Setting the Alarm

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



6-1. Entering the Alarm Setting Mode

Alarm 1 (01) while flashing "ON" is displayed, press the **SET** button to enter the hour setting.



6-2. Setting the Alarm Hour

With the HOUR flashing, press and release the **M** button until the correct hour appears. Take note of whether AM or PM is selected. Press the **Set** button to move to the MINUTES setting.



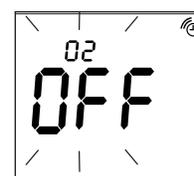
6-3. Setting the Alarm Minutes

With the MINUTES flashing, press and release the **M** button to select 15 minutes, 30 minutes, or 45 minutes. Press the **SET** button again to finalize the **01** setting and then move to the **Alarm 2 (02)** setting. You can to leave the alarm settings mode; when OFF and the alarm symbol is displayed on the screen, then press the **SET** button to move ahead to Memory Deletion.



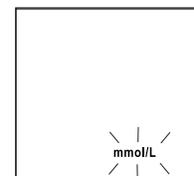
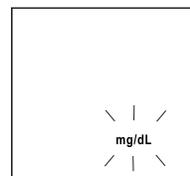
6-4. Setting Additional Alarms (02-04)

Repeat steps 6-1, 6-2 and 6-3 to set **Alarm 2 (02)**, **Alarm 3 (03)**, and **Alarm 4 (04)**. After finalizing **04**, Press the **SET** button to move to Select Unit mode.



7. Select Unit

The default measuring unit is mg/dL (indicated by flashing mg/dL). Press the **M** button to toggle the unit setting to mmol/L (indicated by flashing mmol/L) and then press the **SET** button to move to the next setting.



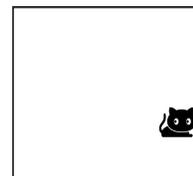
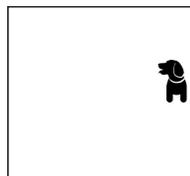
8. Mute mode setting

The default beep mode is ON (indicated by flashing "beep ON"). Press the **M** button to toggle the sound setting to MUTE mode (indicated by flashing "beep OFF") and press the **SET** button to move to the Species Test Mode Setting.



9. Species Test Mode Setting

The default test mode is DOG MODE (indicated by the flashing “dog symbol”). Press the **M** button to toggle the test mode setting to CAT MODE (indicated by the flashing “cat symbol”) then press the **SET** button to move to Delete Memory.



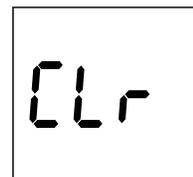
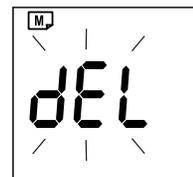
Deleting Memory

When both the memory symbol and “dEL” both appears; if you DO NOT wish to delete the existing memory, press the **SET** button to skip this step. If you want to delete ALL memory, press and hold the **M** button for 2 seconds to clear all memory. When “CLr” (control solution) is displayed on the screen, All memory is deleted.

After pressing either the **SET** button or you have deleted all the memory, all set-ups are completed. The meter will show “OFF” and then turn off automatically.

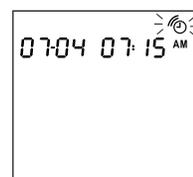
Note:

- Since the date, time and alarm settings can ONLY be changed in the setting mode (or through the PetTest Digital Companion App with the PetLink+ meter); when performing a blood glucose test, those settings cannot be altered.
- There are 3 types of average settings (7-, 14-, and 28-day intervals). You can access them from the meter memory. These averages are calculated from results obtained during the 7-, 14-, and 28-day period preceding the current date settings. Please note, that when you reset the date, the averages will be re-calculated and updated automatically based on the new date.
- Date and time may need to be adjusted due to daylight savings time.
- The date and time setting may also need to be reset after you replace the batteries.
- If no button is pressed for 2 minutes, the meter will turn off automatically.



Using 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.



Performing a Test

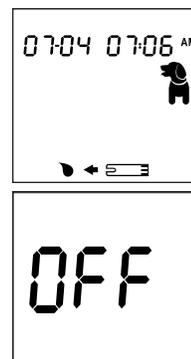
Insert a test strip into the meter test strip port and follow the Blood Glucose Test instructions.

Turning off the Alarm

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

Canceling the Alarm

Using the **SET** button under the battery cover, tap through the settings until you reach the first of the alarm settings. When OFF appears in the display, tap the **SET** button to cancel the alarm.



Setting Up the PetLink+ BLE (Wireless Transfer) Connection

PetLink+ Meter (only): The BLE is "OFF" by default. To use the wireless transfer, you need to pair your PetLink+ meter with our app on your mobile phone.

First, download the **PetTest app**. In your mobile phone's app store, type in "PetTest" to search and download the **PetTest Digital Companion App**. Or, scan this [QR code](#) which brings you to the PetTest Website. Select either the Android or IOS button, download and install.



To pair your PetTest meter and mobile phone, tap the **M** button to turn on the meter (Figure 1). Then hold the **M** button for more than 3 seconds to enter BLE mode (Figure 2). The BLE text on the meter will indicate that wireless transmission is turned on/enabled.

Open the **PetTest Digital Companion App** on your smartphone, then select "Settings", and press "Connection". You will find a 5 digit pairing number to the right of "PetTest" which should be the same as what is shown on the PetLink+ LCD screen above "BLE" (Figure 2). Connect the meter to your app wirelessly by tapping the broken grey link/chain icon located on the top right on your app screen. Your meter is paired when you see the link/chain symbol interlocked. Hit the "Back" button (or swipe left on your phone) to return to the main "Settings" menu.



Figure 1



digital pairing number

Figure 2

You can use the app's "Settings" (Figure 3) function listed under the "BLE Data Sync" heading to set your meter's date/time, alarm(s), pet species, etc. You can also elect to "Clear Memory", which will delete all meter memory/entries (but not the logs in the app). You can also change units (from mg/dL to mmol/L or vice versa).

Importing meter data to the app: Press the "Import Data" button, and data will start transmitting to the app. During transmission, it will show a "Loading" animation on the app (Figure 4). When data transmission is finished, the app will show "Data Import Completed". Tap "Records" button on the bottom to see your newly-imported readings graphically displayed, or "Log" button to see individual blood glucose entries.

After performing a blood glucose test on your pet, the meter will turn on the BLE function automatically. The meter screen will display the 5 digit pairing number, then you can press the "Connection" button in the app (Figure 5) to connect to the PetLink+ meter. If you don't want to connect the meter to the app at this time, simply pull the strip out of the meter. This will turn off the meter, or, if the test strip is not removed, the meter will automatically turn off in 5 minutes.

Note: At anytime, you can turn the meter off by holding down the **M** button for 3 seconds.

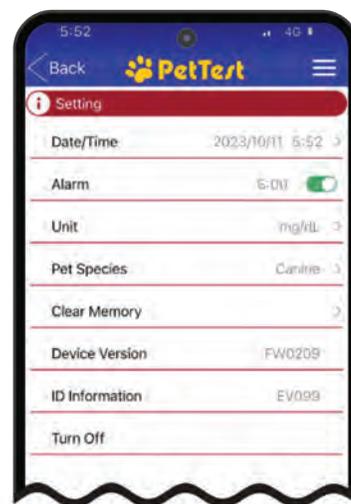


Figure 3

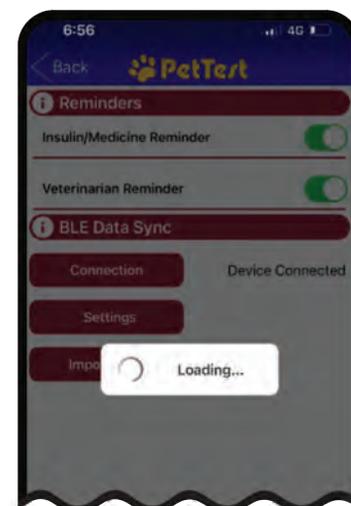


Figure 4



Figure 5

Testing Using Control Solution

PetTest Level 1 and Level 3 Control Solutions are used to verify that the meter and test strips are working properly together as a system. It is very important that you complete this simple check routinely to guarantee your results are accurate.

When to Check Your System with Control Solution

- Before using the meter for the first time.
- When you begin using a new box 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 your 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 (relative humidity) or below 15% R.H.
- If you drop the meter.
- If you leave the strip exposed for more than 10 minutes before inserting into meter.

Before beginning the Control Solution (CTL) checking process (page 15), make sure that you set the meter to the "CTL" mode to avoid storing the control solution check result in the memory. This way, you avoid incorporating the check result into your pet's daily testing average. Shake the control solution vial before use. Discard the first drop of control solution. Then wipe off the vial tip with a tissue or clean towel to avoid contamination. The above steps will ensure you get a proper blood sample for an accurate check result.

Note: The testing range for each test strip is printed on the test strip foil.

Important: Control Solution Testing Information

- The control solution acceptable range is printed on the test strip foil packaging and is for the PetTest Control Solution only. It is not a range for testing your pet's blood glucose level. If your meter registers results within this range during a control test, the system is functioning accurately.
- Use only PetTest Control Solutions. Check the expiration date on the control solution vial. Do not use if expired.
- Use for only 90 days from the date the vial was first opened. Record the discard date (date opened plus 90 days) on the control solution vial. Discard after 90 days.
- Tightly close the control solution and store at temperatures between 35°F -86°F (2°C -30°C). Do not freeze.
- Control solution, meter, and test strips should be stored at room temperature (between 68 -77°F/20 -25°C) before testing.

How to Proceed with a Control Solution Test

This procedure works for both the PetTest Meter (red) and PetLink+ (blue) Meter

1. Carefully insert a test strip into the meter face up with the contact bars going in 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 the **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 for several seconds. Remove the cap and squeeze the vial discarding the first drop. Then wipe off the dispenser tip to prevent contamination. Squeeze the vial again and place this drop on a clean non-porous surface.

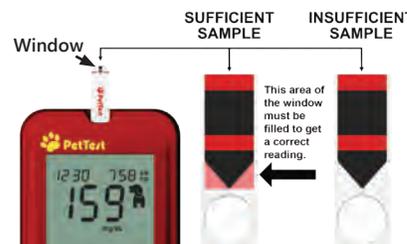


4. Holding the meter and test strip at a 45° angle, touch the tip of the test strip (called the window) to the control solution drop until the meter beeps and begins to count down. NOTE: To avoid contaminating the control solution with the content of the test strip, DO NOT directly apply the control solution onto the test strip.

How to properly fill a test strip.

Note: Triangles are light pink for control solution. Triangles will be dark red for blood samples.

5. After 5 seconds, the control solution test result appears. **Compare your test result with the range printed on the test strip foil.** The result should fall within this range. Remove the used strip, and the meter will then turn off.



If the result is not within the acceptable range, it may be caused by the following conditions:

- The test was not properly done.
- The control solution vial was not shaken enough.
- The control solution or test strip was either expired or contaminated.
- The control solution was stored in an environment out of the specified temperature range, which is from 35°F to 86°F (2°C -30°C).
- The test strips were stored in an environment out of the specified temperature or humidity range, which are from 39.2°F to 104°F(4°C -40°C), 15~85% R.H (non-condensing).
- Accidentally using the first drop of control solution.
- Using a damaged meter.
- If you continue to get inaccurate control solution test results, the system may be not working properly. DO NOT use the system to test blood glucose.

Contact Customer Support 24 / 7 at 1-866-373-2824 for help.

Blood Glucose Testing

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

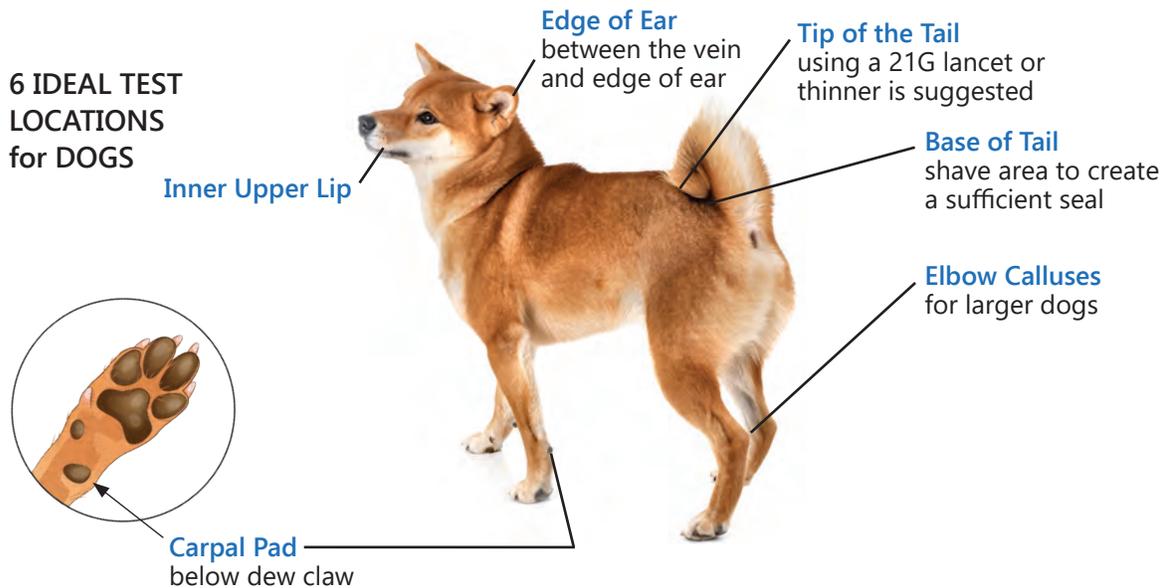
- Blood Glucose Meter
- Test Strips
- Lancing Device
- Sterile Twist Top or Pull Top Lancets (Safety Lancets are another alternative)

Warning, to reduce the chance of infection:

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

Preparing to Test

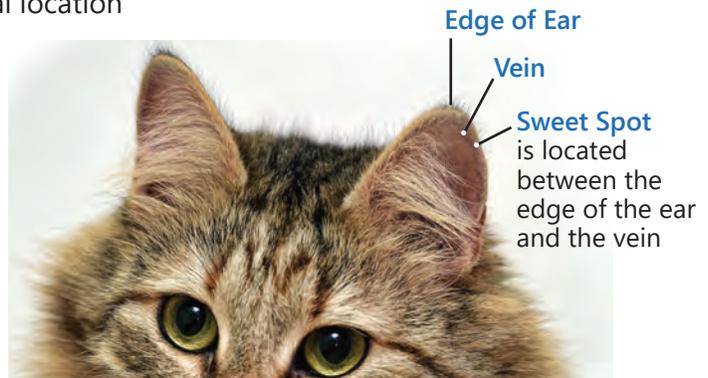
1. Locate the desired area you are planning to draw blood. Use the diagram below or consult with your veterinarian or the [PetTest blogs](#) for a recommendation if you are not sure which site is the best sampling site for your pet.



Locate the area you are going to administer the test. For example, the dog's inner lip will easily produce the amount of blood needed to fill the test strip window. Pat the inner lip dry, then press any standard lancing device (which you have already loaded with a lancet) against the inner lip. Next, press the lancing device against your pet's skin, and press the activation button and pull the lancing device away. If you are using the Genteel Painless Lancing Device, press against the skin and hold the black activation button until you see a drop of blood through the plastic nozzle* (see note on page 17). Release your finger first before removing the lancing device from the test site. Apply

the test strip (which you have previously loaded into the meter) to the drop of blood at a 45° angle. Make sure that the tip of the test strip absorbs enough blood to ensure an accurate reading. Once you have your reading, you can give a small cube of chicken breast or a healthy treat as a reward, and you are DONE! If you are going to test in one of the many other possible locations, you may need to shave a small patch of fur off this preferred area. Many people think that the lancing/testing process hurts their pup, but it truly does not. Most pets are responding to the unfamiliar process and usually adjust after it becomes familiar to them. There are many locations on dogs that do not have many nerve endings, yet yield ample blood, making them ideal testing locations. For cats, the inner ear is usually the ideal location (see cat diagram immediately below).

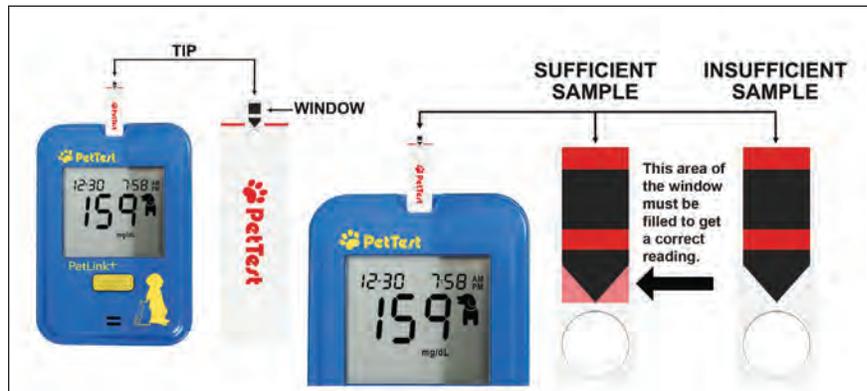
***Note:** For the Genteel painless lancing device, this technique ensures you have enough blood to fill the test strip, resulting in accurate meter readings.



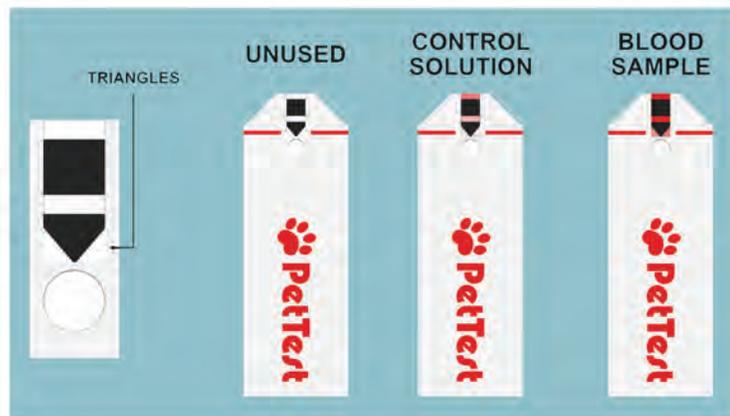
How to properly fill a test strip with blood.

Position the meter and test strip at a 45° degree angle to the skin surface of your pet. Touch the tip area on the test strip to absorb the blood. You will have a sufficient sample for testing when the triangles of the window have absorbed enough blood. See the diagram on the right.

Note: The blood in the triangles will look dark red. The control solution in the triangles will look light pink.



Below is an Enlarged View of the Test Strip Window.



Note: Warming the area will help increase blood flow. This can be done by:

- Gently rubbing the test site, or
 - Applying a warm (not hot or wet) cloth to the test site. If using a wet cloth, place the cloth inside a plastic bag to avoid diluting the blood sample.
2. Prior to starting, wash your hands and the test site with warm water and soap to ensure accurate results. Thoroughly dry your hands and test site on your pet. If using a 70% isopropyl alcohol prep pad to clean the site, let it air dry before sampling.
 3. Prepare the lancing device and lancet. Click on your lancing device. If you are downloading this manual, also download your lancing device instructions. [Standard Lancing Device](#) or [Genteel Painless Lancing Device](#)
 4. After test sampling, gently apply pressure to the test site with sterile gauze or cotton wool to help stop the blood flow.

Testing Your Pet's Blood Glucose Levels

Step 1 Insert a test strip using the foil-wrap into the meter slot.

To fully access the test strip, you may have to fold back more of the foil packaging as needed.

Carefully insert a test strip into the meter face up with the contact bars going in first. Push it in until it goes no further. The meter will automatically turn on. Choose your pet's species. You have three modes to choose from by pressing the **M** button; choose Dog, Cat, or CTL (control solution) mode. If you miss the desired mode, continue pressing the **M** button to cycle through the species mode again.



A. Dog Mode

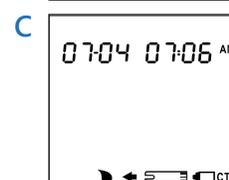
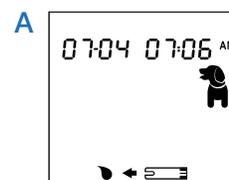
When the dog marker is displayed and the flashing blood drop () indicator appears on the display, go to Step 3 for obtaining a drop of blood or press the **M** button to move to Cat Mode.

B. Cat Mode

When the cat marker is displayed and the flashing blood drop () indicator appears on the display, go to Step 3 for obtaining a drop of blood or press the **M** button to move to CTL Mode.

C. CTL Mode

When the control solution symbol is displayed and the flashing blood drop () indicator appears on the display, the meter is ready to perform a control solution test. You can perform a control solution test or press the **M** button to move back to cycle through the species mode again.



Step 2 Applying a Blood Sample to the Test Strip Touch the tip of the test strip (which you have previously loaded into the meter) to the drop of blood. Hold the meter and test strip at a 45° angle to better absorb the correct amount of blood (0.3µl). Make sure the test strip window absorbs enough blood to ensure an accurate reading. The minimum blood sample size is 0.3µl (). The meter will beep and begin a 5 second countdown. If the confirmation window is not filled with enough blood, the result may be inaccurate; E-5 will appear on the meter display. Repeat the test again. See diagram on page 17 for obtaining a sufficient blood sample.



Step 3 Testing Result After 5 seconds, the blood glucose test result will appear. This result will automatically be stored in the meter's memory. Upon completion of the test, the PetLink+ BLE will automatically activate, indicated by a flashing BLE pairing code. The data will be transmitted and stored on the PetTest Digital Companion Application on your mobile phone.



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 your veterinarian for appropriate "expected blood glucose values" for your pet.

Important Blood Glucose Testing Limitations

- A. Use PetTest test strips only with fresh, capillary whole blood samples.
- B. DO NOT perform a glucose test on your pet if they are sick or in poor physical condition.
- C. DO NOT test on newborn animals (neonates).
- D. Blood glucose testing is not for determining a diagnosis, or screening for diabetes.
- E. Extreme humidity may affect your test results. An inside relative humidity greater than 85% or lower than 15% may cause incorrect results.
- F. The PetTest Blood Glucose System should be used at a temperature between 50°F-104°F (10°C - 40°C). Outside this range, the system will cease operation. Bring system within operating temperature range for 20 minutes before using.
- G. DO NOT reuse test strips. ALL test strips are for single-use only.
- H. Before testing, know your pet's red blood cell count (Hematocrit): Accurate results are provided for hematocrit ranges between 20% and 60%; hematocrit levels below 20% may cause higher results; hematocrit levels above 60% may cause lower results. If you do not know the hematocrit level of your pet, please consult with your veterinarian to find out your pet's red blood cell count.

Understanding Your PetTest Meter Memory

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

Note:

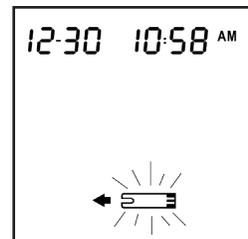
Entering Memory Mode Start with the meter off. Press the **M** button until a test strip marker appears.

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

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

1. Memory Mode

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



2. 7-Day Average Dog Result

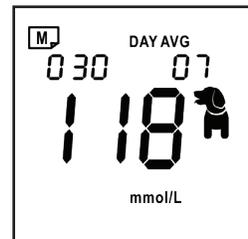
The 7-day average dog mode result appears after pressing and releasing the **M** button.

07 DAY AVG = your dog's average readings for 7-days.

30 DAY AVG = indicates your dog's average readings for 30 days.



Dog marker



3. 7-Day Average Cat Result

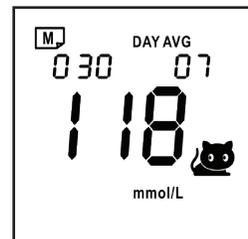
The 7-day average cat mode result appears after pressing and releasing the **M** button.

07 DAY AVG = your cat's average readings for 7-days.

30 DAY AVG = indicates your cat's average readings for 30 days.



Cat marker



4. 14-Day Average Results for Dog Mode, and Cat Mode

Press the **M** button again, the 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 the **M** button, the 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

View Test Results

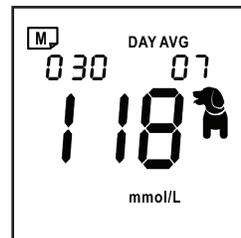
After viewing the 28-day average result, press the **M** button again. The most recent blood glucose test result with date, time and Dog or Cat mode image will be shown on the display.

Continue to press the **M** button to recall the next recent test result. All test results are stored consecutively in the meter.

After viewing your last result, press the **M** button again for 2 seconds and the meter will turn off.

Notes:

- 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 as the newest is added.
- The control solution results are NOT stored in the memory.
- The stored results in the memory are marked with a Dog marker (🐕)/Cat marker (🐈) depending on which mode you chose before the test procedure.
- If no button action is detected for 2 minutes, the meter will display "OFF" and automatically turn off.
- If no results are stored in the meter's memory, "---" will be shown on the display.



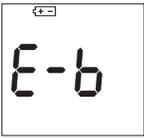
Maintenance & Storage

- Always store or transport your meter, test strips, and control solution in the carrying case after each use.
- Store your meter, test strips, and control solution in a cool and dry place.
- Avoid strong impact or dropping your system.
- 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 after each use, tightly cap the control solution to avoid contamination.

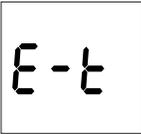
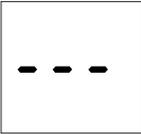
- Write down the discard date on all control solutions vials after first opening (90 days from the first time you open). Do not use test strips and control solutions that have passed their expiration dates.
- Test strips encased in a foil wrap have the expiration date printed on them. Please adhere to the expiration date for accurate readings.
- **Keep test strips and vials away from children.** The cap and the test strip may present a choking hazard, if swallowed, promptly see a doctor for help.
- Handle the meter with care and avoid getting dirt, dust, blood, control solution or any type of liquid inside on the meter or in the test strip port or data port.

Error Messages and Troubleshooting

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

Message	What it means	What to do
	Blood glucose result is lower than 20mg/dL or 1.1 mmol/L (below measurement limit).	Immediately retest. If the reading is still low, seek immediate veterinary assistance
	Blood glucose result is higher than 600 mg/dL or 33.3 mmol/L (above measurement limit).	Immediately retest. If the reading is still high, seek immediate veterinary assistance
	1. The test strip cannot be identified. A wrong/ previously used test strip may have been inserted.	1. Use a new test strip to perform each test. Be sure you use BMB-BA002P test strips in both meters.
	2. An insufficient blood sample is detected on the test strip.	2. Remove the test strip and retest using a new test strip. Be sure you absorb sufficient blood to fill the test strip window.
	Battery power is too low to operate system.	Replace the batteries immediately.

(continued on next page)

Message	What it means	What to do
	When the battery symbol is displayed along with the test result, the battery level is low	Replace the batteries as soon as possible.
	The room temperature is out of acceptable range.	Move to an interior room temperature between 50°F and 104°F (10°C and 40°C) to allow the meter to adjust to current temperature for 20 minutes before performing a test.
	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.
	The alarm sounds to remind you to perform a glucose test.	Insert a new test strip to perform the test or press the M button for 2 seconds to turn off the meter.
Meter display does not display a message after inserting a test strip	Possible dead batteries.	Replace the batteries.
	Batteries are incorrectly installed or are missing.	Check that the batteries are correctly installed or are missing.
	Test strip inserted upside down or not pushed completely in the meter.	Carefully insert a new test strip into the meter with the contact bars going in first. Carefully insert until it goes no further. The PetTest logo faces the front of the meter.
	Defective meter.	Please call Technical Support for help.
Testing procedure does not start after test strip absorbs a blood sample	Insufficient blood sample. See page 16.	Repeat the test using a new test strip. Make sure the test strip window absorbs enough blood to ensure an accurate reading.
	Defective test strip.	Repeat the test with a new test strip.

(continued on next page)

Message	What it means	What to do
Testing procedure does not start after test strip absorbs a blood sample	Blood sample obtained after automatic shutoff (2 minutes after last user action).	Repeat the test with a new test strip. Wait until blood drop symbol appears on the display, then start testing.
	Defective meter.	Please call Technical Support for help.
Control solution test result is out of range	Error in performing the test.	Read the instructions thoroughly and repeat the test again.
	Did not shake the control solution vial enough.	Shake the control solution vigorously and repeat the test again.
	Expired or contaminated control solution.	Check the expiration date or the discard date of the control solution.
	Control solution that is too warm or too cold.	Bring control solution, meter, and test strips to room temperature 68-77°F (20- 25°C) before testing
	Control solution is stored outside of the specified 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 within the specified temperature range.
	Test strip deterioration.	Repeat the glucose test with a new test strip.
	Defective meter.	Please call Technical Support for help.

Never try to disassemble the meter under 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 Technical Support 24/7 at 1-866-373-2824.

Specifications for Both PetTest Meters

Model No.	BMB-EV099L (PetLink+) and BMB-EV099X (Base)
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, time and species indicator; species-specific 7, 14 and 28 day averages

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 with 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.
- This equipment is tested for immunity to radio frequency interference at the frequency range of 80 MHz to 2.7GHz.

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. FCC ID:2BEEVPETLINK-EV099L:

FCC Class B

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

To assure continued FCC compliance:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

Exposure to Radio Frequency Radiation:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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 of 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. Or, you have registered online. See inside front cover for details.
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
	In vitro diagnostic medical device		Batch code
	Do not re-use		Manufacturer
	Consult instructions for use		Serial number
	Temperature limitation		Caution, consult accompanying documents
	Keep away from sunlight		Biological risks
	Humidity Limits		CE marking
	Use by		FCC approved
	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.		
	Distributed By: Diabetic Supply of Suncoast, Inc., PO Box 2102, Vega Alta, PR 00692 Customer Service: 1-866-373-2824 Available 24 hours a day/7 days a week ShopPetTest.com ShopPetTest.com/blog		
	BroadMaster Biotech Corporation 1,2F., No91 , Xiyuan Rd., Zhongli Dist, Taoyuan City 32057, Taiwan (R.O.C)		
			