

## 6 IDEAL TEST LOCATIONS

### BASE OF TAIL

(shave area to create a sufficient seal)

INNER EAR

UPPER  
INNER LIP

ELBOW CALLUSES  
(for bigger dogs)

NEAR NAIL

PAW PADS

# ADVOCATE®



PetTest OnTarget Blood Glucose &  $\beta$ -Ketone Monitoring System  
Owner's Manual

Rev. 05.2025

**Thank you for choosing PetTest as your meter of choice. 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 piece of mind that you are protected.

**To Register your new PetTest Meter:**

Go to: [www.advocatemeters.com](http://www.advocatemeters.com)

Click on WARRANTY REGISTRATION in the  
QUICK LINKS section.

Enter your information and meter serial number.

That's it!

Thank you

## Table of Content

<b>Important Safety Instructions.....</b>	<b>03</b>
<b>Important Information about Your System.....</b>	<b>03</b>
Intended Use.....	03
Sampling Sites.....	04
<b>Introduction of Your System.....</b>	<b>04</b>
System Contents.....	04
Meter Components.....	05
Meter Display.....	06
Test Strip.....	06
<b>Meter Set-Up.....</b>	<b>07</b>
Charging.....	07
Set the Meter.....	07
Delete Memory.....	10
Use the Alarm.....	11
Bluetooth connection.....	12
<b>Quality Control.....</b>	<b>13</b>
When to check your system with control solutions.....	13
Important Control Solution Test Information.....	13
Run a Control Solution Test.....	14
<b>Blood Glucose Test.....</b>	<b>15</b>
Prepare for the Test.....	15
Run a Blood Glucose Test on Your Pet.....	16
<b>β-Ketone Test.....</b>	<b>18</b>
Prepare for the Test.....	18
Run a β-Ketone Test on Your Pet.....	20
<b>Limitations.....</b>	<b>21</b>
<b>Meter Memory.....</b>	<b>22</b>
7-, 14-, 28 Day Average Results.....	22
Test Results.....	23
<b>Maintenance.....</b>	<b>24</b>
Cleaning Procedure.....	24
Disinfection Procedure.....	24
Storage.....	28
<b>Message and Troubleshooting.....</b>	<b>29</b>
<b>Specifications.....</b>	<b>33</b>
<b>Statement.....</b>	<b>34</b>
<b>Warranty.....</b>	<b>36</b>
<b>Symbol Information.....</b>	<b>37</b>
<b>Appendix:</b>	
Warranty Card	
Log Book	

## Important Safety Instructions

- PetTest OnTarget Blood Glucose &  $\beta$ -Ketone 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 OnTarget Blood Glucose &  $\beta$ -Ketone Monitoring System is intended for use outside the body only (in vitro diagnostic use) .
- Only use PetTest BMB-BA105P & BMB-BK333P Test Strips with PetTest OnTarget Blood Glucose &  $\beta$ -Ketone Meter. Other test strips may produce inaccurate results.
- Perform all quality control checks recommended in this Owner's Manual.
- All small parts in this system 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 and  $\beta$ -Ketone. Do all quality control checks as directed and consult with your veterinarian.
- Failure to follow instructions might 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.
- PetTest OnTarget is a system designed to aid in the treatment of Pet Diabetes. Always consult with your pet's veterinarian prior to starting new treatments. PetTest OnTarget makes no recommendations on treatment options and is solely a system for measuring blood glucose &  $\beta$ -Ketone levels in dogs and cats.

## Important Information about Your System

### Intended Use

PetTest OnTarget Blood Glucose &  $\beta$ -Ketone Monitoring System is intended for use outside the body (in vitro diagnostic use). It is used for quantitative measurement of glucose and  $\beta$ -Ketone levels in fresh capillary whole blood samples drawn from dogs and cats.

PetTest OnTarget Blood Glucose &  $\beta$ -Ketone Monitoring System

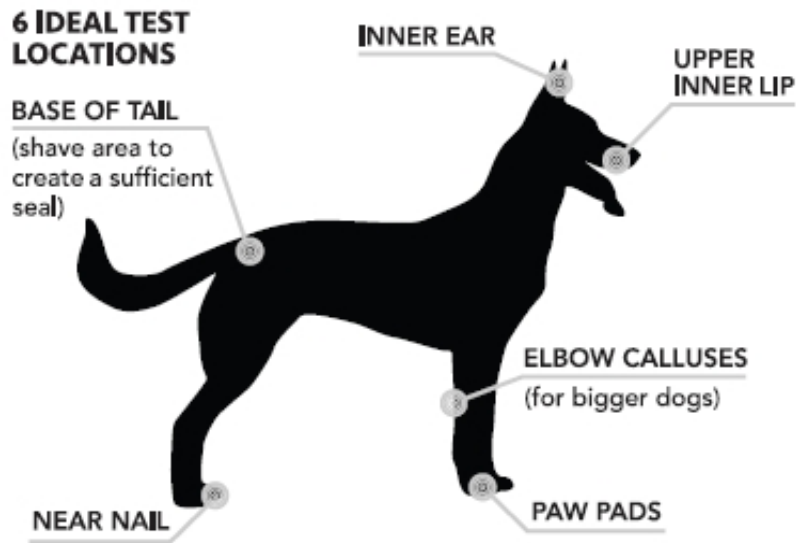
System consists of the PetTest OnTarget Blood Glucose &  $\beta$ -Ketone Meter and PetTest BMB-BA105P & BMB-BK333P Test Strips.

PetTest OnTarget Control Solutions are for use with

PetTest OnTarget Blood Glucose &  $\beta$ -Ketone Monitoring System as a quality control check to verify the accuracy of blood glucose and  $\beta$ -Ketone test results.

## Sampling Sites

Consult veterinarian for recommendation if you don't know which site is the best sampling site for your pet.



## Introduction of Your System

### System Contents

PetTest OnTarget Blood Glucose &  $\beta$ -Ketone Monitoring System contains the following items:

PetTest OnTarget Blood Glucose &  $\beta$ -Ketone Meter

PetTest Owner's Manual

PetTest Quick Reference Guide

PetTest BMB-BA105P Blood Glucose Test Strips\*

PetTest BMB-BK333P  $\beta$ -Ketone Test Strips\*

PetTest Control Solution\*

Lancing Device\*

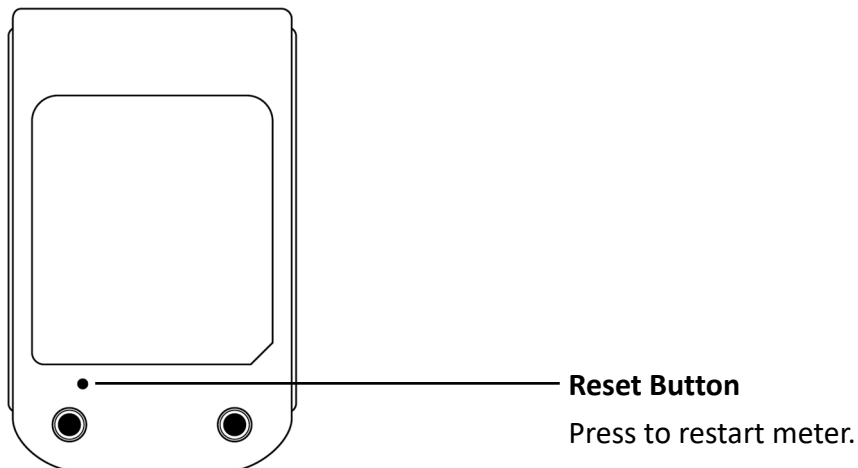
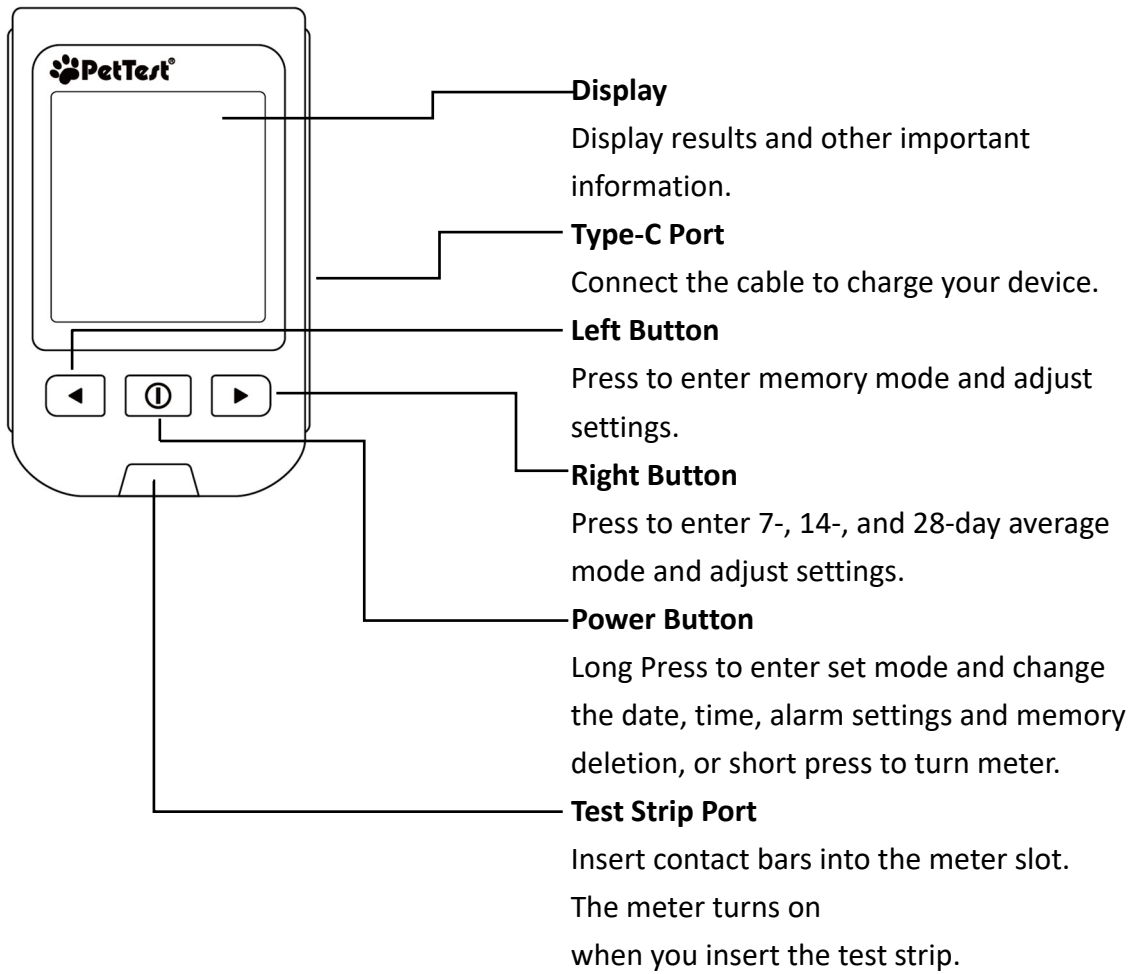
Lancets\*

Carrying Case\*

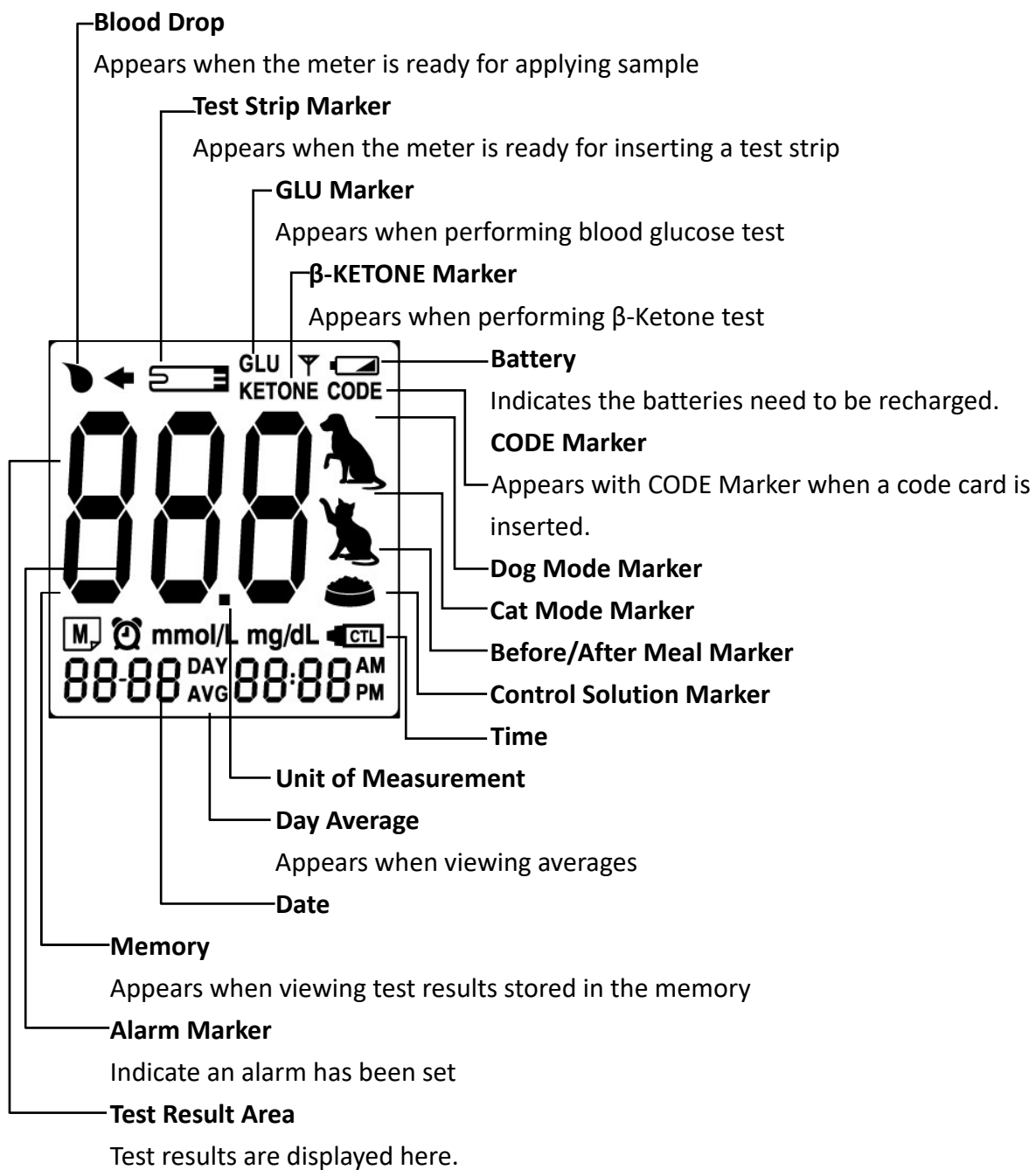
#### Notes:

- (\*) These contents may vary according to geographic markets. You must check your outer package. If any items printed on the outer box are 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 24/7 at 1-866-373-2824 for availability.

## Meter Components



## Meter Display



## Test Strip

**BMB-BA105P (for glucose)**



**Confirmation Window**

Blood is drawn in and reacts enzyme

**Contact Bars**

Insert this area into test strip port

**BMB-BK333P (for  $\beta$ -Ketone)**



**Confirmation Window**

Blood is drawn in and reacts enzyme

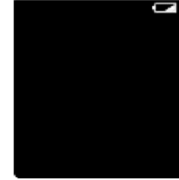
**Contact Bars**

Insert this area into test strip port

## Meter Set-Up

### Charging

- **Be charged before using device for the first time:** Before using the device, it needs to be charged at least 2 hours and display 100.
- **Insert the Type-C charging cable:** Insert the charging cable into the charging port on the device.
- **Initiate charging:** The device will display a flashing battery icon when connected to the power source. Wait for the device to reach full charge or the designated charging percentage, which will be indicated as 100.
- **Unplug the charger:** When the device is fully charged or reaches the specified charging percentage, please unplug the charger to avoid potential overcharging effects on the battery from prolonged connection.
- **Charge regularly:** If your blood glucose meter has not been used for more than three months, please charge it regularly to avoid damaging the battery performance.



### 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. Long press Power button.

- **Exit Setting Mode**

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

- **Move Setting Faster**

Hold Left button or Right button up or down to scroll forward quickly until the number you desire appears.



### 1. Set the Year

Long Press Power button to enter Setting mode. The Year will be flashing. Press and release Left or Right button until the correct year appears. Press Power button to move to Month setting.



### 2. Set the Month

With the month flashing, press and release Left or Right button until the correct month appears. Press Power button to move to Day setting.



### 3. Set the Day

With the day flashing, press and release Left or Right button until the correct day appears. Press Power button to move to Hour setting.



### 4. Set the Hour

With the hour flashing, press and release Left or Right button until the correct hour appears. Press Power button to move to Minutes setting.



### 5. Set the Minutes

With the minutes flashing, press and release Left or Right button until the correct minute appears. Press Power 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 Left or Right 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 Power button to  
enter the hour setting.



### 6-2. Set the Alarm's Hour

With the hour flashing, press and  
release Left or Right button until the  
correct hour appears. Press Power  
button to move to Minutes setting.



### 6-3. Set the Alarm's Minutes

With the minutes flashing, press  
and release Left or Right button to  
select 15 minutes, 30 minutes, or  
45 minutes. Press Power 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 Power  
button to move to Memory Deletion.



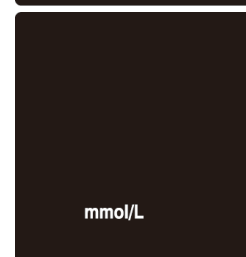
### 6-4. Set Other Alarms (2-4)

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



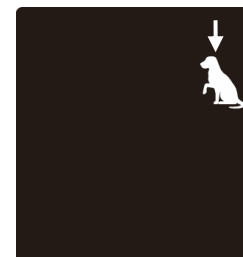
## 7. Select Unit

The default unit is mg/dL (indicated by flashing mg/dL).  
Press Left or Right button to toggle the unit setting to mmol/L  
(indicated by flashing mmol/L) and press Power button to  
move to Mute Mode Setting.



### 8. Mute mode setting

The default test mode is ON  
(indicated by flashing beep "ON").  
Press Left or Right button to toggle  
the sound setting to mute mode  
(indicated by flashing beep "OFF")  
and press Power button to move to  
Test Mode Setting.



### 9. Test Mode Setting

The default test mode is Dog Mode  
(indicated by flashing dog mark).  
Press Left or Right button to toggle the  
test mode setting to cat mode (indicated by  
flashing cat mark) and press Power button  
to move to Delete Memory.

### 10.Delete Memory

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



When “CLr” is displayed on the screen,  
ALL memory is deleted.

After pressing Power 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 testing, those parameters cannot be altered.
- There are 3 kinds of average settings (7-, 14-, 28 day) which you can access from the meter memory. These averages are calculated from results obtained during the 7-, 14-, 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 savings.
- 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.



### Perform a Test

Insert a test strip into the test strip port and follow the  
Blood Glucose and  $\beta$ -Ketone Test instructions.



Turn off the Alarm

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

Cancel the Alarm.



Cancel the Alarm

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

## Bluetooth connection

When pairing Bluetooth, please simultaneously press and hold the left and right buttons for more than 3 seconds to enter Bluetooth® mode. The screen will display the Bluetooth pairing code for data transmission in the APP application.



Bluetooth is default set to ON on this device. After the test strip completes the measurement, the device will automatically activate Bluetooth and transmit the data to the APP application.



## Quality Control (Glucose only)

Only PetTest Level 3 Control Solution is used to verify that the meter and test strips are working properly 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 or a new package of foil wrapped 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 89°F (30°C), above 85% R.H. or below 15% R.H.).
- If you drop the meter.
- Leaving the strip vial cap opened (doesn't apply to sealed foils).
- Make sure that you have set the meter in the Control Solution test "CTL" mode, so the result will not be stored in the memory and not be incorporated into the average.
- Shake the vial before use. Discard the first drop of control solution. After squeezing, wipe off the dispenser tip to avoid contamination. The above steps ensure you get a good sample and an accurate result.

### 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.
- Use for only 90 days from the date that you first open it.
- Record the discard date (date opened plus 90 days) on control solution vial. Discard after 90 days.
- Store the control solution tightly closed at temperatures between 35°F -86°F (2°C -30°C). Do not freeze.
- Control solution, meter, and test strips should come to room temperature (between 68 -77°F/20 -25°C) before testing.

## Run a Control Solution Test

1. Fully insert a test strip into 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 Right button 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 non-porous 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 4 seconds, the control solution test result appears. Compare the result with the range printed on the box of current test strips. 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 89°F (4°C -30°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 24/7 at 1-866-373-2824 for help.**

## Blood Glucose Test

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

- PetTest OnTarget Blood Glucose &  $\beta$ -Ketone Meter
- PetTest Blood Glucose Test Strips
- Lancing Device
- Sterile Lancets (Pull Top, Twist Top, or Safety Lancets)

NOTE: Safety Lancets do not require a lancing device

### Warnings:

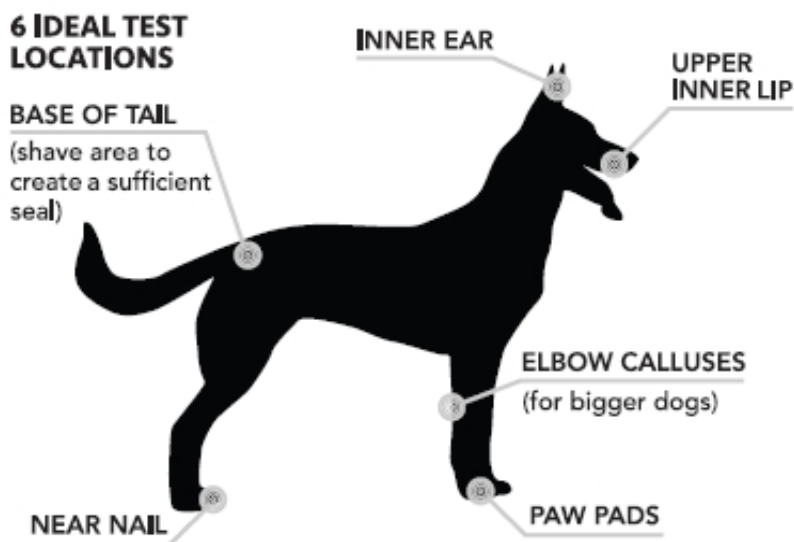
To reduce the chance of biohazardous infection

- 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 inner ear, the base of tail, the near nail, the upper inner lip, the elbow calluses, and the paw pad.



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. (If using a 70% isopropyl alcohol prep pad to clean the site, let it air dry before sampling.)
3. Prepare lancing device and lancet according to instructions included with the device.
4. After sampling, 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 Pet

### 1. Insert test strip from foil-wrap

Fully insert the contact bars of the test strip into the meter until you feel it stop against the end of the meter guide. After inserting test strip, you'll see the display shows (GLU) on the top.

\*Please tear off the middle part of foil package if needed to open.

### 2. Choose Dog Mode/ Cat Mode/ CTL mode

You can choose from three modes by pressing Right button. If you miss the desired mode, you can continue pressing Right button to cycle through the mode choices again.

#### Dog Mode

When the dog marker is displayed and the flashing blood drop ( ) indicator appears on the display, go to step 3 to choose Pre-meal Mode or Post-Meal Mode or press Right 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 3 to choose Pre-meal Mode or Post-Meal Mode or press Right button to move to CTL Mode.





#### CTL Mode

When the control solution marker 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 Right button to move back to Dog Mode.





### 3. Choose Pre-Meal Mode/ Post-Meal Mode

#### Pre-Meal Mode

When the meter is in Dog Mode or Cat Mode, with the flashing blood drop (  ) indicator and Pre-meal (  ) indicator appear on the display, go to step 4 for obtaining a drop of blood or press Left button to move to Post-Meal Mode.



#### Post-Meal Mode

When the meter is in Dog Mode or Cat Mode, with the flashing blood drop (  ) indicator and Post-meal (  ) indicator appear on the display, go to step 4 for obtaining a drop of blood or press Left button to move to Post-Meal Mode.



### 4. Apply Sample to the Test Strip

Touch the tip of the strip to the blood sample until the meter beeps and begins the 4 seconds countdown. The minimum blood sample size is 0.5µl. Please note that if the confirmation window is not filled with blood, the test result may be inaccurate.

### 5. Get Result

After 4 seconds, the blood glucose test result appears. This result will be automatically stored in the meter's memory. Upon completion of the test, Bluetooth will automatically activate, indicated by a flashing Bluetooth symbol. If the meter is not used for five minutes, it will automatically power off.



#### 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). 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 pets.

## **β-Ketone Test**

Make sure you have all items needed to test before you perform a β-Ketone test.

- PetTest OnTarget Blood Glucose & β-Ketone Meter
- PetTest Code card
- PetTest β-Ketone Test Strips
- Lancing Device
- Sterile Lancets (Pull Top, Twist Top, or Safety Lancets)

NOTE: Safety Lancets do not require a lancing device

### **Warnings:**

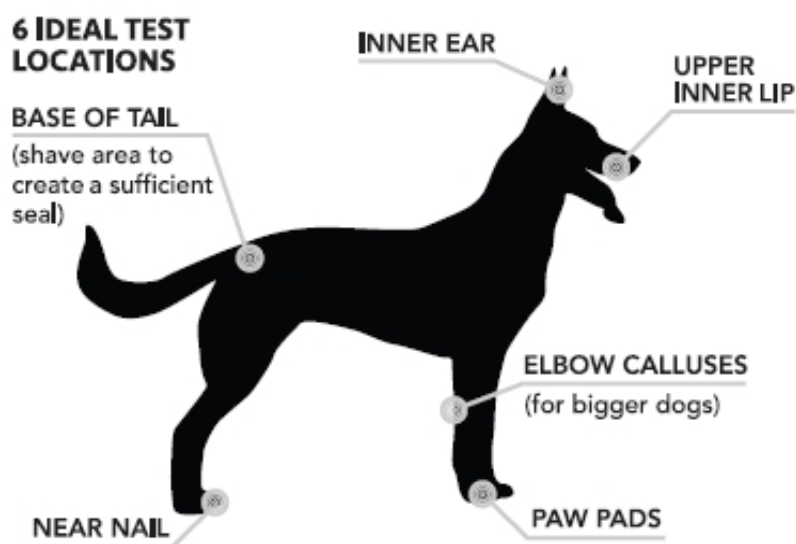
To reduce the chance of biohazardous infection

- 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**

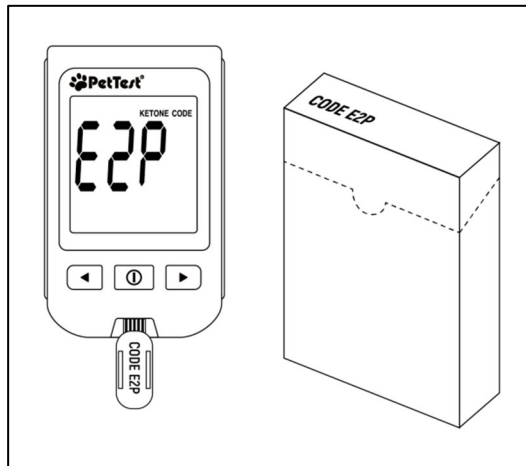
There are many sites to obtain capillary blood samples from your pets: the inner ear, the base of tail, the near nail, the upper inner lip, the elbow calluses, and the paw pad.



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.

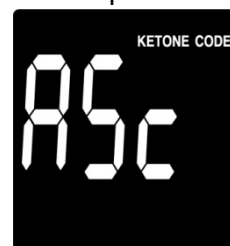
- 2. Wash your hands and the test site with warm water and soap to ensure accurate results.** Thoroughly dry your hands and test site of your pet. (If using a 70% isopropyl alcohol prep pad to clean the site, let it air dry before sampling.)
3. Prepare lancing device and lancet according to instructions included with the device.
4. After sampling, gently apply pressure to the test site with sterile gauze or cotton wool to help stop the blood flow.
5. You must calibrate the meter every time you begin to use a new box of  $\beta$ -Ketone test strips by setting the meter with the correct code. Insert the code strip when the monitor is off. Wait until the code number appears on the display. **Make sure the code number on display matches the number printed on the test strip box.** Remove the code strip, the display will show "OFF". This tells you that the meter has finished coding and is ready for  $\beta$ -ketone testing.
- \* Test results may be inaccurate if the code number displayed on the monitor does not match the number printed on the test strip box.



## Run a $\beta$ -Ketone Test on Your Pet

### 1. Insert test strip from foil-wrap

Fully insert the contact bars of the test strip into the meter until you feel it stop against the end of the meter guide. After inserting test strip, you'll see the display shows code number on the middle, and (KETONE) on the top. **Make sure the code number on display matches the number printed on the test strip box.**



- \* Please tear off the middle part of foil package if needed to open.
- \* Test results may be inaccurate if the code number displayed on the monitor does not match the number printed on the test strip box.
- \* The codes used in this manual are examples only.

### 2. Choose Dog Mode/ Cat Mode/ CTL mode

You can choose from three modes by pressing Right button. If you miss the desired mode, you can continue pressing Right button to cycle through the mode choices again.

#### Dog Mode

When the dog marker is displayed and the flashing blood drop ( ) indicator appears on the display, press Right button to move to Cat Mode.



#### Cat Mode

When the cat marker is displayed and the flashing blood drop ( ) indicator appears on the display, press Right button to move to CTL Mode.



#### CTL Mode

When the control solution marker 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 Right button to move back to Dog Mode.



### 3. Apply Sample to the Test Strip

Touch the tip of the strip to the blood sample until the meter beeps and begins the 7 seconds countdown. The minimum blood sample size is 0.3µl. Please note that if the confirmation window is not filled with blood, the test result may be inaccurate.

### 4. Get Result

After 7 seconds, the β-Ketone test result appears. This result will be automatically stored in the meter's memory.

Upon completion of the test, Bluetooth will automatically activate, indicated by a flashing Bluetooth symbol. If the meter is not used for five minutes, it will automatically power off.



You can consult your veterinarian for appropriate “expected β-Ketone values” for pets.

## Limitations

- A. The test strips are to be used with fresh, capillary 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 to test newborn animals (neonates).
- D. Not to be used for determination of a 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 will cease operation. Bring system within operating temperature range for 20 minutes before using.
- G. DO NOT reuse the test strips. The test strips are for single use only.
- H. Red blood cell count (Hematocrit): Accurate results are provided for hematocrit ranges between 15% and 65%; hematocrit levels below 15% may cause higher results; hematocrit levels above 65% may cause lower results. If you do not know hematocrit level of your pets, please consult with your veterinarian.

## Meter Memory

The meter stores the last 600 blood glucose and  $\beta$ -Ketone test results along with the date, time and species indicator. It also provides you with 7-, 14-, 28 day averages of dog and cat blood glucose results, respectively. You can begin to review results stored in the meter's memory by following the next steps.

### Enter Memory Mode

Start with the meter off. Press Left button to show individual blood glucose concentrations. Press Right button to show blood glucose concentration average of your selected period.

### Exit Memory Mode

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


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

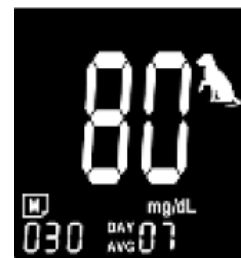
### 1. 7-Day Average Dog Result

The 7-day average dog result appears after pressing and releasing Right button when meter off.

**07 DAY AVG** = your 7-day average.

**30**= indicates the number of results included in average.

()=Dog marker



### 2. 7-Day Average Cat Result

Press Right 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



### 3. 14-Day Average Results for Dog Mode, and Cat Mode

Press Right 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.

### 4. 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.

If you miss the blood glucose concentration average of your selected period, press left button to move to last period.

### 5. Turn off the meter

Press and hold Power button for 2 seconds at anytime, the meter will be turned off.



## Test Results

### 1. View Test Results

Press and release Left button when meter off. The most recent result with date, time, Dog/Cat mode, and Pre/Post-Meal Mode marker will be shown on the display.



### 2. View Second Most Recent Result

Press the Right button to recall the test results stored in the meter consecutively.



### 3. Turn off the meter

Press and hold Power button for 2 seconds at anytime, the meter will show "OFF" and turn off automatically.

### Notes:

- 600 blood glucose tests with date, time, Dog/Cat mode, and Pre/Post-Meal 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 when run in the control solution mode 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.
- The stored results marked with a Pre-Meal marker (🍽️)/ Post-Meal 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.

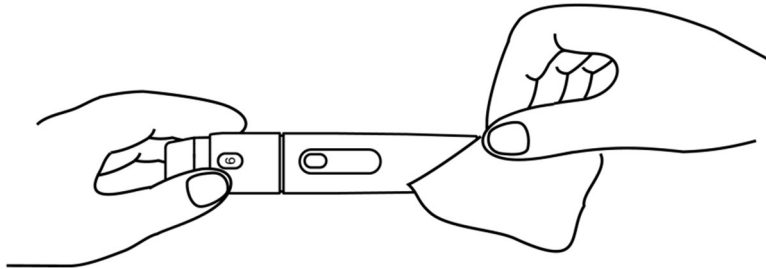
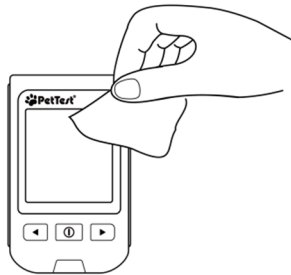


## Maintenance

### 1. Cleaning Procedure

1-1. Take disinfectant CaviWipesXL or towelette from a container or package.

1-2. Wipe down the entire meter and lancing device, including the clear cap, until the debris or the bioburden is removed. After air drying, go to Step 2: Disinfection Procedure.



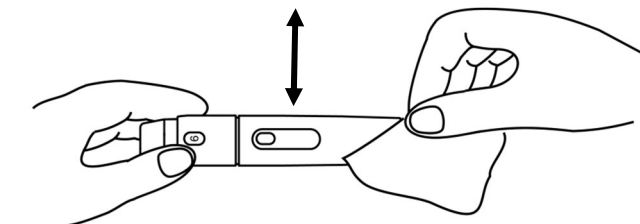
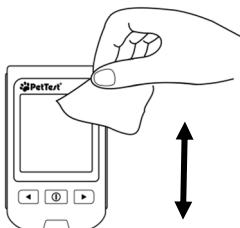
1-3. Discard the used disinfectant wipe in trash.

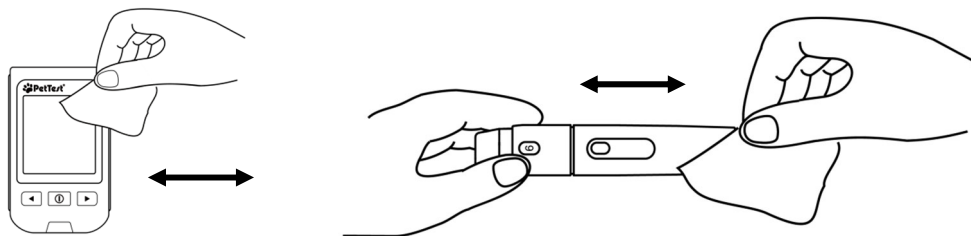
### 2. Disinfection Procedure

Perform the cleaning procedure above prior to performing the disinfection procedure.

2-1. Take a new disinfecting wipe or towelette from a container or package.

2-2. Wipe down the entire meter enough to thoroughly wet all surfaces (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. Perform a similar procedure on the entire surface of the lancing device, including the cap. 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 procedures. Check items shown in the tables below.**

#### Physical appearance check list for glucose meter

Check item	Signs of Deterioration
Display transparency	The meter display becomes cloudy, opaque and/or is difficult to read the information displayed.
Legibility of marking	The information on the label affixed to the back of the meter becomes difficult or impossible to read.
Polymer crazing	A network of fine cracks begin to appear on the body of the meter.
Cracking	The formation of small cracks begin to appear on the body surface of the meter.
Swelling	Any part of the meter body appearing to have enlarged slightly as if it has swelled.
Dissolving	Any indication that the smooth surface of the body of the meter has appeared to begin to dissolve or melt.
Softening	Any appearance that the surface of the body of the meter has become less-than-rigid or has softened in any way.
Becoming brittle	Any part of the body of the meter that appears to have become overly brittle as being easily cracked or chipped.
Deformation	The appearance of any deformities in the surfaces, edges or corners of the body of the meter; any appearance of deformity of any part of the meter.
Cloudy	The appearance of opacity or cloudiness in the surface of the body of the meter.

**Performance check list for meter**

Check items	Signs of Deterioration
Power on	The meter power is not turned on by inserting test strip.
Power Button function	When pressing the button repeatedly in Setting Mode, the next setting do not appear.
Left/Right Button function	When pressing Left/Right button repeatedly in Setting Mode, numbers can't be scrolled forward or backward
Testing	Perform the control solution test. If the control test result doesn't fall within the control solution range specified on the strip vial or foil packet, the blood glucose meter might be malfunctioning.

**Physical appearance check list for lancing device**

Check item	Signs of Deterioration
Polymer crazing	A network of fine cracks begin to appear on the body of the lancing device.
Cracking	The formation of small cracks begin to appear on the body surface of the lancing device.
Swelling	Any part of the body of the lancing device appearing to have enlarged slightly as if it has swelled.
Dissolving	Any indication that the smooth surface of the body of the lancing device has appeared to begin to dissolve or melt.
Softening	Any appearance that the surface of the body of the lancing device has become less-than-rigid or has softened in any way.
Becoming brittle	Any part of the lancing device or components that appears to have become overly brittle as being easily cracked or chipped.
Deformation	The appearance of any deformities in the surfaces, curves, edges or corners of the body of the lancing device or its components; any appearance of deformity of any part of the lancing device.
Cloudy	The appearance of opacity or cloudiness in the surface of the body of the lancing device or components.

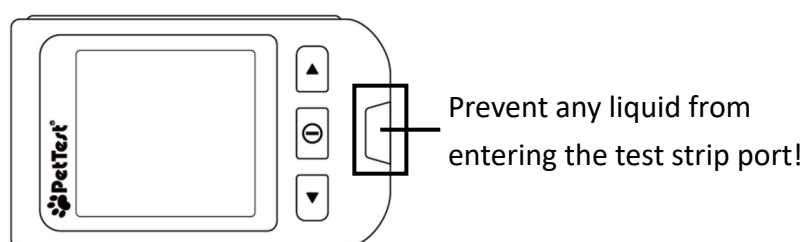
### Performance check list for lancing device

Check items	Signs of Deterioration
Assembly	The lancing device cap doesn't perfectly fit the main body of the device or the lancet holder can't hold the lancet firmly.
Cocking & lancing	The cocking control can't be cocked back successfully or the device does not activate when pressing the button (after cocking).
Ejecting	The ejection slider does not move smoothly or does not eject the lancet.

In case the result is not acceptable, stop using the device and contact customer care service 24/7 at 1-866-373-2824 for replacement with a new device.

### Note:

- **DO NOT squeeze the towel. It might cause meter malfunction by soaking the test strip port with excess liquid disinfectant.**



- 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 and contact customer service 24/7 at 1-866-373-2824 for help.
- The disinfecting wipe or towelette has been shown to be safe for use with PetTest Blood Glucose &  $\beta$ -Ketone 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.



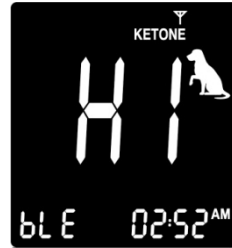

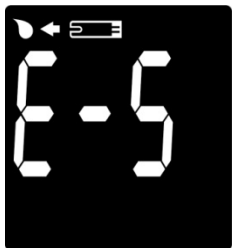
### **3. Storage**




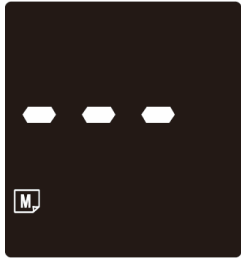
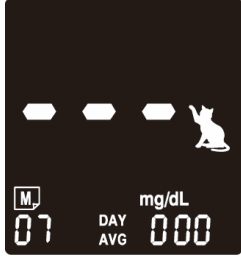

- Always store or transport your meter, test strips, and control solution in the carrying case after each use. Avoid strong impact or dropping your system.
- Store your meter, test strips, and control solution in a cool and dry place. Keep away from direct sunlight and heat.
- Store your meter and strips at 39.2°F to 86°F (4°C to 30°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.
- Please follow the expiration date on each of the foil packets.
- Keep the strip vial and foil packets away from children. The cap and the test strip may present a choking hazard. If swallowed, promptly see a doctor for help.

## Messages and Troubleshooting

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 650 mg/dL (36.1 mmol/L).  $\beta$ -Ketone levels are higher than 8.0 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
	Blood glucose result is lower than 20 mg/dL or 1.1 mmol/L (below measurement limit).	Seek immediate medical assistance.
	Blood glucose result is higher than 650 mg/dL or 36.1 mmol/L (above measurement limit).	Seek immediate medical assistance.
	$\beta$ -Ketone result is higher than 8.0 mmol/L (above measurement limit).	Seek immediate medical assistance.
	The test strip cannot be identified. 1. A wrong test strip may have been inserted. 2. A previously used test strip may have been inserted.	1. Use a new test strip to perform test. 2. Be sure you use PetTest BMB-BA105P or BMB-BK333P test strips.
	Insufficient blood sample is applied detected from the test strip.	Remove the test strip and retest using a new test strip. Be sure you apply sufficient blood sample to fill test strip.

Message	What it means	What to do
	Battery power is too low to operate system.	Charge the meter immediately.
	When battery symbol displays, battery power level is low.	Charge the meter as soon as possible.
	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.
 	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 of performing a test.	Insert a new test strip to perform a test or press M button to turn off the meter.

Message	What it means	What to do
<b>Meter does not display a message after inserting a test strip</b>	Possible dead battery.	Charge the meter.
	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.
<b>Test does not start after applying the sample</b>	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 automatic 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
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 very well.	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.	Control solution, meter, and test strips should come 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 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 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 Customer Support 24/7 at 1-866-373-2824.**

## Specifications

Model No.	BMB-EQ155L	
Dimension	89.5(L)x54(W)x18(H) mm	
Weight	52g	
Power Source	Polymer Li-ion Rechargeable Battery	
Battery Life	Over 500 tests	
Auto Turn-off	2 minutes after idle.	
Memory Capacity	600 measurement results	
Daily Alarm Function	4 sets	
Measurement Range	Glucose	20-650 mg/dl
	$\beta$ -Ketone	0.0-8.0 mmol/L
Test Time (sec.)	Glucose	4 secs
	$\beta$ -Ketone	7 secs
PC Interface	Type-C	
Wireless transmission	BLE	
Talking Function	None	
Chemical Components	Enzyme, Polymer, and mediator.	
Operating Condition (Temp./Humidity)	10°C-40 °C/RH15%-85%	
Storage Condition (Temp./Humidity)	4°C-30 °C/RH15%-85%	

## Statement

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:

### 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.

- 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.

## **NCC**

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

## **Canada Compliance Statement**

### **Product Marketing Name (PMN):**

**PetTest OnTarget Blood Glucose &  $\beta$ -Ketone Monitoring System**

**IC: 32552-BMBEQ155L**

**HVIN: BMBEQ155L**

This device contains licence-exempt transmitter(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference,
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) L'appareil ne doit pas produire de brouillage;
- (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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

Cet appareil a été évalué pour répondre à l'exposition générale aux RF ISED exigence. L'appareil peut être utilisé dans des conditions d'exposition portables sans restriction.

## 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. Or, you can register online. See page 1.

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.		

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.

**Certificate:**

**Pharma Supply Inc.**

3361 Fairlane Farms Road

**Distributed By:**

**Diabetic Supply of Suncoast, Inc.**

PO Box 2102, Vega Alta, PR 00692

1-866-373-2824

[ShopPetTest.com/blog](http://ShopPetTest.com/blog)



**MT Promedt Consulting GmbH**

Ernst-Heckel-Straße 7,

66386 St. Ingbert Germany

**BroadMaster Biotech Corporation**



1,2F., No91 , Xiyuan Rd., Zhongli Dist,

Taoyuan City 32057, Taiwan (R.O.C)