PETRACKR®

Veterinary Blood Glucose Monitoring System for Cats and Dogs

Owner's Booklet

PETRACKR®

Thanks for choosing PETRACKR®!
The PETRACKR® Veterinary Blood Glucose Monitoring System is one of the latest product innovations from Universal Biosensors.

Every PETRACKR® Analyzer is designed to make it easy to test your patients/pets blood glucose and help you manage your pet's diabetes.

This Owner's Booklet offers a complete explanation of how to use your new analyzer and testing supplies. It reviews the important steps of testing your pet's blood glucose level. Please keep your Owner's Booklet in a safe place; you may want to refer to it in the future.

Compatible wireless devices

For information on which wireless devices are compatible with your PETRACKR® Analyzer, and where/how to download the PETRACKR® mobile app on your compatible wireless device, visit www.universalbiosensors.com/products/petrackr/ or scan the QR code below.

Install the app on Android devices

Install the app on iOS devices

Analyzer symbols and icons

	Low Battery
	Battery Empty
	Bluetooth® On
	Error
High	Above Range (blood glucose result)
In Range	In Range (blood glucose result)
Low	Below Range (blood glucose result)
	Morning
	Afternoon
	Evening
	Night
	Sound On
	Sound Off
	Meal
	Insulin
LO	blood glucose result below 20 mg/dL (1.1 mmol/L)
HI	blood glucose result above 600 mg/dL (33.3 mmol/L)
	Control solution result

Other symbols and icons

	Cautions and Warnings
	Direct current
	Consult Instructions for Use
	Manufacturer
	Date of manufacture
	Lot Number
	Serial Number
	Catalog Number
	Storage Temperature Limits
	Do Not Re-use
	Sterilized by irradiation
	Not for general waste
	Date of Expiry
	Contains sufficient for n tests
	Manufacturer's declaration that the product complies with applicable European Union Directives
	Manufacturer's declaration that the product complies with the applicable essential requirement for sale in Great Britain
	The Regulatory Compliance Mark (for Australia and New Zealand)

Table of Contents

Before you begin

Before using this product to test your patient's/pet's blood glucose, carefully read this Owner's Booklet, and the inserts that come with the PETRACKR® Blood Glucose Test Strips, PETRACKR® Mid Control Solution and the PETRACKR® Lancing Device.

IMPORTANT SAFETY INSTRUCTIONS:

- After use and exposure to blood, all parts of this kit are considered biohazardous. A used kit may potentially transmit infectious diseases even after you have performed cleaning and disinfection.

⚠WARNING:

- For testing on cats and dogs only.
  NOT FOR HUMAN USE.

Intended use

The PETRACKR® Veterinary Blood Glucose Monitoring System is intended to be used for the quantitative measurement of glucose (sugar) in fresh capillary whole blood samples drawn from the pinna or paw pad samples. For information on disinfecting the analyzer between patients, see page 70.

The PETRACKR® Veterinary Blood Glucose Monitoring System **is intended for *in vitro* diagnostic use for blood glucose monitoring of cats and dogs as part of diabetes management,** to be used by veterinary professionals and pet owners. The PETRACKR® Veterinary Blood Glucose Monitoring System is not for use on critically ill patients/pets, patients/pets in shock, dehydrated patients/pets or hyperosmolar pets.

Test principle

Glucose in the blood sample mixes with the enzyme FAD-GDH (See page 86) in the test strip and a small electric current is produced. The strength of this current changes with the amount of glucose in the blood sample.

Your analyzer measures the current and calculates the blood glucose level. It then displays the blood glucose result and stores it in the analyzer memory.

Bluetooth® wireless technology

Bluetooth® wireless technology is used by some smartphones and many other devices. Your PETRACKR® Analyzer uses Bluetooth® wireless technology to pair and to send your patients/pets glucose results to compatible wireless devices. The PETRACKR® Analyzer is designed to work with the PETRACKR® Analyzer Mobile App. Visit www.universalbiosensors.com/products/petrackr/ for information on which wireless devices are compatible with your PETRACKR® Analyzer, and where/how to download the PETRACKR® Analyzer Mobile App on your compatible wireless device.

When using the PETRACKR® System, we suggest you pair your PETRACKR® Analyzer with a compatible wireless device and track your results. See page 33 for pairing instructions.

If you experience analyzer interference problems, try moving your analyzer away from the source of the interference. You can also move the electronic device or its antenna to another location to solve the problem.

These guidelines help ensure that your analyzer will not affect the operation of other nearby electronic devices. Additionally, other electronic devices should not affect the use of your analyzer.

⚠**WARNING:** The Bluetooth® feature on your analyzer sends test results to your compatible wireless device. To prevent other people's patient/pet results from being sent to your compatible wireless device, DO NOT let anyone else use your analyzer to test their patient's/pet's blood glucose.

⚠**WARNING:** In locations where cell phone use is not permitted, such as hospitals, some healthcare professional offices and airplanes, you should turn the Bluetooth® feature off. See page 31 for more information.

Bluetooth® trademark

The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Universal Biosensors Pty. Ltd. is under license.

Other trademarks and trade names are those of their respective owners.

1. Getting to know your system

The PETRACKR® Veterinary Blood Glucose Monitoring System

Included with your kit

PETRACKR®
Lancing Device

PETRACKR®
Analyzer

PETRACKR®
Sterile Lancets

NOTE: The PETRACKR® Lancing Device uses PETRACKR® Lancets.

Available separately

Items pictured below are required, but may not be included in your kit.

They are sold separately. Refer to your analyzer carton for a list of included items.

*PETRACKR®
Mid Control Solution

**PETRACKR®
Test Strips

* PETRACKR® Mid Control Solution and **PETRACKR® Test Strips are available separately. For availability of test strips and mid control solution, contact Customer Service at PETRACKR@universalbiosensors.com or ask your veterinary healthcare professional.

⚠**WARNING:** Keep the analyzer and testing supplies away from children and unattended patients/pets. Test strips are a choking hazard. DO NOT swallow test strips. The test strip vial may contain drying agents that are harmful if inhaled or swallowed and may cause skin or eye irritation. DO NOT ingest or swallow any items.

PETRACKR® Analyzer

Test strip port
Insert test strip here to turn analyzer on

Eject button
Eject test strip from analyzer

Display

mmol/L
is the pre-set unit of measure and cannot be changed

Last Event Indicator

Range Indicator

Battery icon
(Appears only when battery is low)

Up and down buttons
Highlight the desired selection

Back button
Go back to the previous screen (press release).
Go back to main menu (press and hold)

OK button
Turns analyzer on/off (press and hold)

Confirms menu selections (press and release)

Test strip

Channel to apply sample

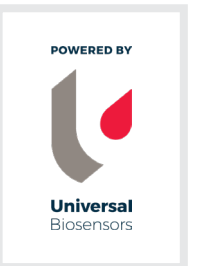
Silver prongs
Insert into test strip port

2. Setting up your system

Setting up your analyzer

Turn your analyzer on

Press and hold OK until the start-up screen appears. Once the start-up screen is displayed, release OK.



NOTE: If you see any missing pixels within the start-up screen, there may be a problem with the analyzer. As your partner in veterinary diabetes care, we welcome you to contact us at PETRACKR@universalbiosensors.com at any time.

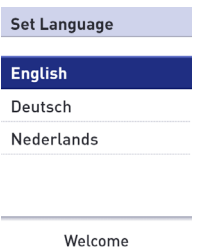
Use the display backlight for better visibility

The backlight comes on automatically whenever the analyzer is turned on. After a few seconds of no activity, the backlight will dim. Pressing any button or inserting a test strip will turn the backlight back on.

First time setup

Before using your analyzer for the first time, you should check to make sure the time and date in the analyzer are correct. This ensures that the correct time and date are assigned to each of your test results.

Set language



The first time you turn the analyzer on, the Set Language screen appears.

On the Set Language screen, press ^ or v to highlight the language you want and press OK.

Pressing OK after making your selection confirms each setting and takes you to the next screen.

When setting up your analyzer you can press ↩ to return to the previous screen to adjust a setting.

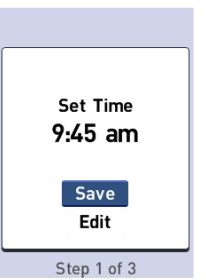
Connecting to a compatible wireless device

To continue setup without use of the PETRACKR® app, press or to highlight No and press OK.

Time, date, and range limits

Step 1: Set time

The Set Time screen will be displayed next. If the time is correct, press OK to save.



If you need to make an adjustment to the time, press or to highlight Edit and press OK.

The current time set in the analyzer is displayed.
Press ^ or v to change the hour and press OK.

Repeat this step to change the minutes and am or pm.

When the time is correct, press OK.

Step 2: Set date

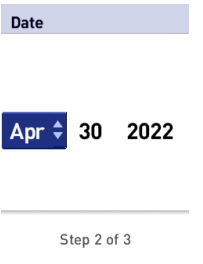
The Set Date screen will be displayed next. If the date is correct, press OK to save.

If you need to make an adjustment to the date, press ^ or v to highlight Edit and press OK.

The current date set in the analyzer is displayed.
Press ^ or v to change the month and press OK.

Repeat this step to change the day and year.

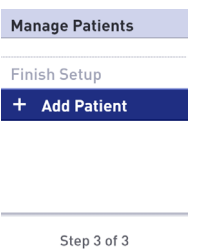
When the date is correct, press OK.



Step 3: Add Profile and Set low and high range limits

Add patient/pet profile and type

The Manage Patients screen will be displayed next. Press OK with Add Patient selected to add a profile.



Press ^ or v to highlight the required patient/pet type and then press OK .

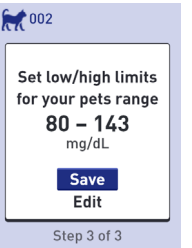
Set low and high range limits

Low and high range limits are used by your analyzer to tell you when a test result is within, below or above the range limits set in the analyzer.

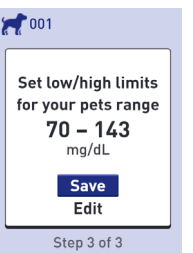
NOTE: The low and high range limits you set apply to all glucose test results. This includes tests taken before or after mealtimes, medications and around any other activities that may affect your patients/pets blood glucose.

⚠**CAUTION:** Be sure to talk to a veterinary healthcare professional about the low and high range limits that are right for your pet. When selecting or changing your limits, you should consider factors such as your lifestyle and diabetes therapy. Never make significant changes to your diabetes care plan without consulting your veterinary healthcare professional.

For cats, the analyzer is pre-set with a low limit of 80 mg/dL (4.4 mmol/L) and a high limit of 143 mg/dL (7.9 mmol/L).

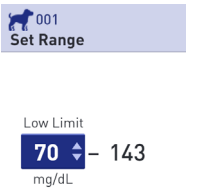


For dogs, the analyzer is pre-set with a low limit of 70 mg/dL (3.9 mmol/L) and a high limit of 143 mg/dL (7.9 mmol/L).
If the low and high range limits are correct, press OK to save.

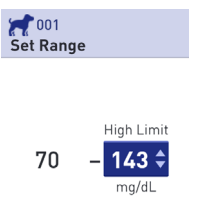


If you need to edit the pre-set limits to fit your patient's/pet's needs press ^ or v to highlight Edit and press OK.

To change the pre-set Low Limit press ^ or v to the desired value between 60 mg/dL (3.3 mmol/L) and 110 mg/dL (6.1 mmol/L) and press OK.



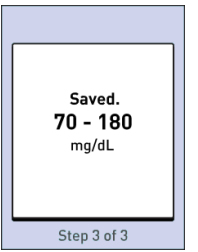
To change the pre-set High Limit press ^ or v to the desired value between 120 mg/dL (6.6 mmol/L) and 300 mg/dL (16.6 mmol/L) and press OK.



When your patients/pets low and high range limits are correct, press OK.

If you need to make an adjustment, press ^ or v to highlight Edit and press OK, then repeat Step 3.

Saved will appear to confirm that the low and high limits displayed are now stored in the analyzer.



If additional profiles are required press ^ or v to highlight Add Patient and press OK. Otherwise select Finish Setup to complete the set up.

Your analyzer is now ready for use.

After a few seconds, the Main Menu will appear on the screen (See page 24).

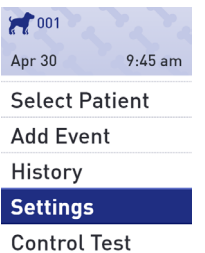
NOTE: If the analyzer was turned on by inserting a test strip, the Apply Blood screen appears instead of the Main Menu (See page 38).

Adjust analyzer settings after first time setup

You can adjust the analyzer settings at any time. When you turn your analyzer on, the Main Menu is displayed after the start-up screen. A blue bar highlights the current selection on the analyzer display.

1. Get to the Settings screen

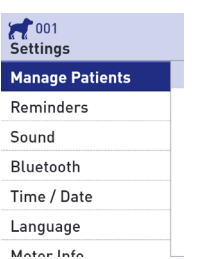
From the Main Menu, press ^ or v to highlight Settings and press OK.



2. Select the setting

Select the specific setting you want to modify and press OK.

Once the setting you want to modify is displayed, the first entry on the screen will be highlighted.



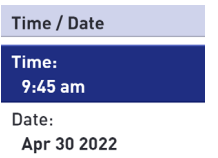
3. Press ^ or v to change to your desired value, then press OK.

To skip a highlighted entry, simply press OK.

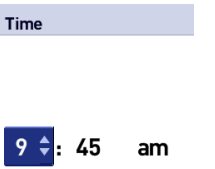
Each time you press OK, the next entry on the screen will be highlighted.

Time setting change

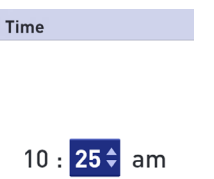
If you want to change the time, highlight Time/Date on the Settings screen and press OK.
Next, highlight Time and press OK.



The current time set in the analyzer is displayed.
Press ^ or v to change the hour and press OK.

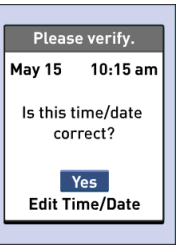


Repeat this step to change the minutes and am or pm.



Once you have advanced through every entry on the setting screen, Saved will be displayed to confirm that your changes have been stored in the analyzer.

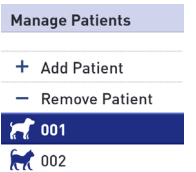
NOTE: To help ensure that the time and date in your analyzer are set correctly, once every 6 months a screen will prompt you to confirm the time and date set in the analyzer. If they are correct, press OK. If not correct, press ^ or v to highlight Edit Time/Date and press OK.



Follow the steps on page 17 to adjust the time and date. Once the time and date are set correctly, press ^ or v to highlight Done and press OK. After a few seconds, the Main Menu will appear on the screen.

If you turned the analyzer on by inserting a test strip, the Apply Blood screen will be displayed.

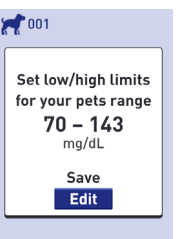
Low or high limits



To change your patient's/pet's low or high limits, highlight Manage Patients and press OK.

Then select the patient/pet and press OK.

Then select Edit and press OK.



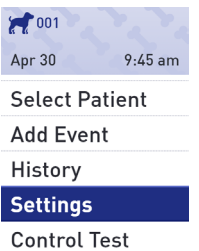
Once the setting you want to modify is displayed, the first entry on the screen will be highlighted.

View analyzer and regulatory information

You can check this information at any time.
Notice to the User: Regulatory content for certain regions can also be viewed on your device. To view the content:

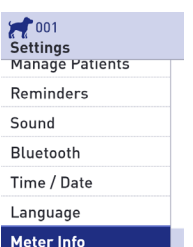
1. Get to the Settings screen

From the Main Menu, press ^ or v to highlight Settings and press OK.

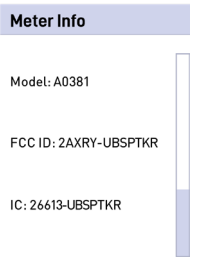


2. Select the Meter Info screen

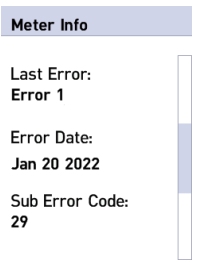
Press ^ or v to highlight Meter Info and press OK.

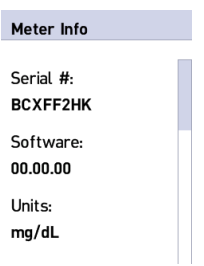


Analyzer information including the model, FCC ID, IC ID, recent error, serial number, software version and analyzer blood glucose units are available.



Press ^ or v to scroll to the previous or next screen.





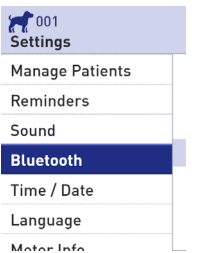
Press ↩ to return to the Settings screen.

Bluetooth®

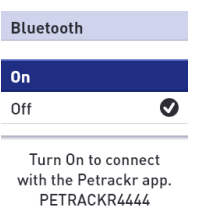
Turning the Bluetooth® feature on or off

In order to connect your analyzer with your compatible wireless device, the Bluetooth® feature will need to be turned on. The ᛒ symbol will appear on the analyzer screen when the Bluetooth® feature is on. When the ᛒ symbol is not present on the screen the Bluetooth® feature is off.

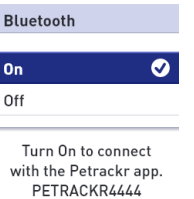
To turn the Bluetooth® feature on, select Bluetooth from the settings menu.



Press ^ or v to highlight On and press OK.



To turn the Bluetooth® feature off, select Bluetooth from the settings menu. Press ^ or v to highlight Off and press OK.



The symbol ᛒ indicates the Bluetooth® feature is on.
NOTE: The Bluetooth® feature will turn OFF during a blood glucose test.

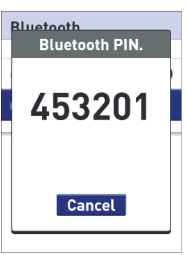
Pairing overview

Pairing allows your PETRACKR® analyzer to communicate with compatible wireless devices. The devices must be within 26 feet (7.9 meters) of each other to pair and sync. Download the PETRACKR® mobile app from the appropriate app store before pairing your analyzer and compatible wireless device. Multiple PETRACKR® analyzers can be paired with your compatible wireless device. For example, your compatible wireless device can be paired with a analyzer at home and another at work. To pair multiple analyzers, repeat the pairing instructions for each analyzer. See page 33 for pairing instructions.

Your PETRACKR® analyzer can be paired with multiple compatible wireless devices. To pair multiple compatible wireless devices, repeat the pairing instructions for each compatible wireless device.

Pairing instructions

1. Start by turning your analyzer on using the OK button
2. The Bluetooth® feature is turned on in the settings menu. The ᛒ symbol will appear to indicate that the Bluetooth® feature is on
3. Open the PETRACKR® mobile app and follow instructions to pair analyzer with your compatible wireless device
4. Look for 'PETRACKR' and the last 4 characters of the analyzer serial number on the compatible wireless device display to correctly identify your analyzer
5. When prompted by the PETRACKR® mobile app, the analyzer will display a six digit PIN number. Enter the PIN number into your compatible wireless device using the keypad on your compatible wireless device.



Example of PIN number display on analyzer

CAUTION: Make sure the PIN you enter on your compatible wireless device matches the PIN on your analyzer display. If a PIN number unexpectedly appears on your analyzer display, cancel the PIN request by pressing the OK button to cancel.

6. Wait for your compatible wireless device to indicate that your analyzer and compatible wireless device are paired.

Syncing to send results wirelessly to the PETRACKR® mobile app

After pairing the analyzer with your compatible wireless device, you are ready to send results to the PETRACKR® mobile app.

1. Open the PETRACKR® mobile app on your compatible wireless device.

2. Press and hold OK to turn the analyzer on and make sure the Bluetooth® feature is ON as indicated by ( ). If needed, go to settings to turn the Bluetooth® feature on.

   The Sync symbol ( ) will replace the on the analyzer display.

   'Syncing Data' will appear on the app to notify you that the analyzer is communicating with the app.

   After syncing, the Sync symbol will disappear, the 'Syncing Data' message will disappear on the app, and the app will display a list of any new results sent from the analyzer.

NOTE: Inserting a test strip during the transmission will cancel the transfer of all results.

3. Conduct a test

Test your patient's/pet's blood glucose

NOTE: Many people find it helpful to practice testing with control solution before testing with blood for the first time (See page 47).

Preparing for a test

Have these things ready when you test:

- PETRACKR® Analyzer
- PETRACKR® Test Strips
- Lancing device
- Sterile lancets

NOTE:

- Consult your lancing device instructions for use (IFU)
- Use only PETRACKR® Test Strips.
- Unlike some blood glucose analyzers, no separate step to code your PETRACKR® System is required.
- Make sure your analyzer and test strips are about the same temperature before you test.
- Keep test strips in a cool, dry place between 41°F and 86°F (5°C and 30°C).
- DO NOT test if there is condensation (water build-up) on your analyzer. Move your analyzer and test strips to a cool, dry spot and wait for the analyzer surface to dry before testing.

- DO NOT open the test strip vial until you are ready to remove a test strip and perform a test. Use the test strip immediately after removing it from the vial.
- Tightly close the cap on the vial immediately after use to avoid contamination and damage.
- Store unused test strips only in their original vial.
- DO NOT return the used test strip to the vial after performing a test.
- DO NOT re-use a test strip that had blood or control solution applied to it. Test strips are for single use only.
- With clean, dry hands, you may touch the test strip anywhere on its surface. DO NOT bend, cut, or modify the test strip in any way.
- When you first open a vial of test strips, record the discard date on the label. Refer to the test strip insert or vial label for instructions on determining the discard date.

IMPORTANT: The analyzer, lancing device, or cap, should always be cleaned and disinfected prior to use (See page 72).

⚠CAUTION:

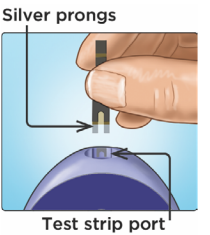
- The PETRACKR® Blood Glucose Monitoring System should not be used for patients within 24 hours of receiving a D-xylose absorption test as it may cause inaccurately high results.
- DO NOT use the PETRACKR® Family of Analyzers when PAM (Pralidoxime) is known or suspected to be in the patient's/pet's whole blood sample.
- DO NOT use your test strips if your vial is damaged or left open to air. This could lead to error messages or inaccurate results. Contact Customer Service (See page 76) immediately if the test strip vial is damaged.

  If you cannot conduct a test due to a problem with your testing supplies, contact your veterinary healthcare professional. Failure to test could delay treatment decisions and lead to a serious medical condition.
- The test strip vial contains drying agents that are harmful if inhaled or swallowed and may cause skin or eye irritation.
- DO NOT use test strips after the expiration date (printed on the vial) or the discard date, whichever comes first, or your results may be inaccurate.

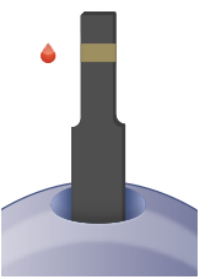
Insert a test strip to turn the analyzer on

Insert a test strip into the test strip port with the black side of the test strip and the two silver prongs facing you.

No separate step to code the analyzer is required.



When the Apply Blood screen appears on the display, you can apply your blood sample to either side of the test strip sample channel.



Getting a blood sample from the pinna and paw pads

Choose a different puncture site each time you test. Repeated punctures in the same spot may cause soreness and calluses. PETRACKR® lancing device may be used to assist in obtaining a blood sample.

Before testing, wash your hands thoroughly with warm, soapy water. Rinse and dry completely.

Puncture your pet's pinna or paw pads

Hold the lancing device firmly against the side of your pet's pinna or paw pads. Press the orange release button. Remove the lancing device from your pet.

Approximate size

Get a round drop of blood

Gently squeeze and/or massage your pet's ear or paw until a round drop of blood forms.

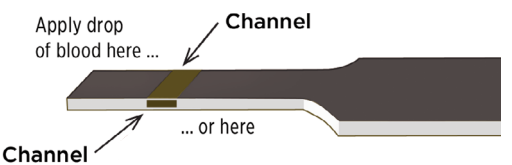
NOTE:
If the blood smears or runs, DO NOT use that sample. Dry the area and gently squeeze another drop of blood or puncture a new site.

Applying blood to the analyzer

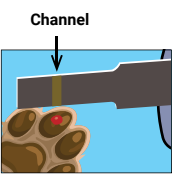
1. Apply the sample to the test strip

You can apply blood to either side of the test strip. Apply your sample to the opening of the channel.

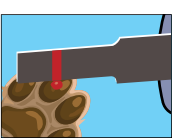
Be sure to apply immediately after you get a drop of blood.



Holding the analyzer at a slight angle, guide the channel to the blood droplet.



When it touches the sample, the test strip wicks the blood into the channel.

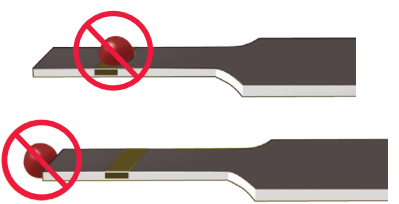


2. **Wait for the channel to fill completely**

The blood drop will be drawn into the narrow channel. The channel should fill completely.

The channel turns red, and the analyzer will count down from 5 to 1.

Blood SHOULD NOT be applied on the top of the test strip or to the top edge of the test strip.



NOTE:

- DO NOT smear or scrape the sample with the test strip.
- DO NOT press the test strip too firmly against the puncture site or the channel may be blocked from filling properly.
- DO NOT apply more blood to the test strip after you have moved the drop of blood away.
- DO NOT move the test strip in the analyzer during a test or you may get an error message, or the analyzer may turn off.
- DO NOT remove the test strip until the result is displayed or the analyzer will turn off.
- When applying a whole blood sample, keep the analyzer pointed down to prevent blood from entering the test strip port.

Viewing the blood glucose result

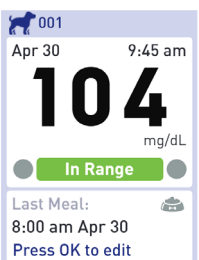
Your patient's/pet's blood glucose result will appear on the display, along with the unit of measure, and the date and time of the test.

WARNING: If mg/dL or mmol/L does not appear with the blood glucose result, contact Customer Service (See page 76)**.**

⚠ **CAUTION:** If ⓒ Control solution appears on the screen when testing your patient's/pet's blood glucose, repeat the test with a new test strip. If the problem persists, contact Customer Service (See page 76).

Know whether your current glucose test result is within, below or above your range

When your patient's/pet's blood glucose result is displayed after a test, the analyzer will display a color-coded bar to tell you if the result is within range, below your patient's/pet's low limit or above your patient's/pet's high limit set in the analyzer (See page 20).



In Range — In Range

Low — Below Range

High — Above Range

After getting a blood glucose result

Once you have your patient's/pet's blood glucose result, you may:

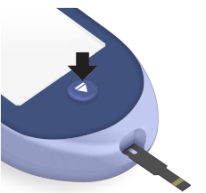
- Press and hold Setup to return to the Main Menu.

  Or,

- Press and hold OK for several seconds until the analyzer turns off.

The analyzer will also automatically turn off if left alone for two minutes.

For information on adding a meal or insulin dose after getting a blood glucose result, see page 60.



NOTE:

- To return to the home screen after conducting a test, press and hold ↰ until the Eject Strip screen is displayed.

- If the test strip is still inserted when you press Setup or OK, the Eject Strip screen will appear to remind you to eject the used test strip.

Removing the used test strip

After getting a result, you can remove your used test strip.

1. Hold the analyzer pointed down
2. Press (eject button)

The test strip will come out.

Disposing of the test strip

Used test strips may be considered biohazardous waste in your area. Be sure to follow your veterinary healthcare professional's recommendations or local regulations for proper disposal.

Wash hands thoroughly with soap and water after handling the analyzer and test strips.

⚠CAUTION:

Dehydration and low blood glucose results

You may get false low blood glucose results if your patient/pet is severely dehydrated. If you think your patient/pet is severely dehydrated, contact your veterinary healthcare professional immediately.

⚠CAUTION:

High blood glucose results

If your patient's/pet's blood glucose result is above 143 mg/dL (Canine 70-143 mg/dL or Feline 80-143 mg/dL), it may mean hyperglycemia (high blood glucose) and you should consider re-testing. Talk to your veterinary healthcare professional if you are concerned about hyperglycemia.

EXTREME HIGH GLUCOSE is displayed when your blood glucose result is over 600 mg/dL. Your pet may have severe hyperglycemia (very high blood glucose). Re-test your patient's/pet's blood glucose level. If the result is EXTREME HIGH GLUCOSE again, this indicates a severe problem with your pet's blood glucose control. Obtain and follow instructions from your veterinary healthcare professional immediately.

⚠**CAUTION:**

Repeated unexpected blood glucose results

If you continue to get unexpected results, check your system with control solution (See page 48).
If your patient/pet is experiencing symptoms that are not consistent with the blood glucose results and you have followed all instructions in this Owner's Booklet, call your veterinary healthcare professional. Never ignore symptoms and behaviors or make significant changes to your pet's diabetes management program without speaking to your veterinary healthcare professional.

⚠**CAUTION:**

Unusual red blood cell count

A hematocrit (percentage of blood that is red blood cells) that is either very high (above 60%) or very low (below 20%) can cause false results.

Test with control solution

PETRACKR® Control Solution is used to check that the analyzer and test strips are working together properly and that the test is performing correctly. (Control solution is available separately.)

NOTE:

- Use only PETRACKR® Mid Level 3 Control Solution with your PETRACKR® Analyzer.
- When you first open a new vial of control solution, record the discard date on the vial label. Refer to the control solution insert or vial label for instructions on determining the discard date.
- Tightly close the cap on the control solution vial immediately after use to avoid contamination or damage.

⚠CAUTION:

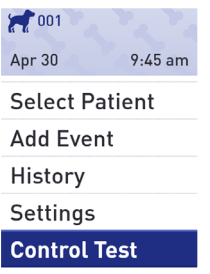
- DO NOT swallow or ingest control solution.
- DO NOT apply control solution to the skin or eyes as it may cause irritation.
- DO NOT use control solution after the expiration date (printed on the vial label) or the discard date, whichever comes first, or your results may be inaccurate.

Do a control solution test:

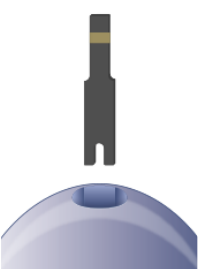
- Whenever you open a new vial of test strips.
- If you suspect that the analyzer or test strips are not working properly.
- If you have had repeated unexpected blood glucose results.
- If you drop or damage the analyzer.

Preparing your analyzer for a control solution test

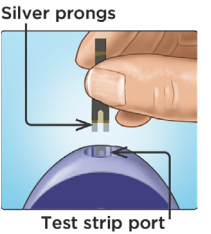
1. **Press and hold OK to turn the analyzer on and display the Main Menu.**
2. **Highlight Control Test on the Main Menu and press OK.**



The Insert Strip screen will appear on the display.



3. Insert a test strip

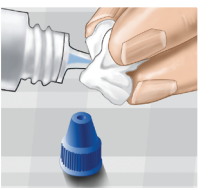


4. Wait for the Apply Control Solution screen to appear on the display.

Prepare the control solution

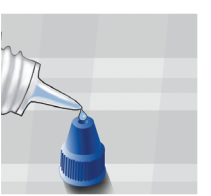
1. **Remove the vial cap and place it on a flat surface with the top of the cap pointing up.**

2. **Squeeze the vial to discard the first drop.**



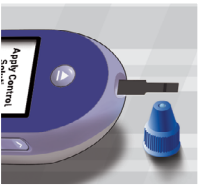
3. **Wipe both the tip of the control solution vial and the top of the cap with a clean, damp tissue or cloth.**

4. **Squeeze a drop into the small well on the top of the cap or onto another clean, non-absorbent surface.**



Apply the control solution

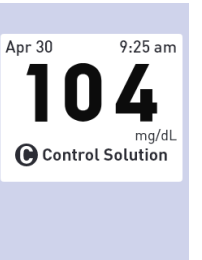
1. **Hold the analyzer so that the side edge of the test strip is at a slight angle to the drop of control solution.**



2. **Touch the channel on the side of the test strip to the control solution.**
3. **Wait for the channel to fill completely.**

Viewing your control solution

Results



The analyzer will count down from 5 to 1. Your result is displayed along with the date, time, unit of measure, and Ⓒ Control solution.

Because Control Test was selected, the analyzer marks the result as a control solution test.

Control solution results can be seen when reviewing past results, but are not included in result averages.

⚠CAUTION:

If the words Control Solution DO NOT appear on the screen, this result will be included in your averages and your averages will change too. Repeat the test with a new test strip. If the problem persists, contact Customer Service (See page 76).

Check if the result is in range

Each vial of test strips has PETRACKR® Level 3 Control Solution range printed on its label. Compare the result displayed on the analyzer to the PETRACKR® Level 3 Control Solution range printed on the vial.

Example Range
PETRACKR® Level 3
Control Solution
Control Range 102-138 mg/dL
(5.7- 7.7 mmol/L)

⚠CAUTION:

The control solution range printed on the test strip vial are for control solution tests only and are not recommended ranges for your pet's blood glucose level.

Out-of-range results may be due to:

- Not following the instructions beginning on page 48.
- Control solution is contaminated, expired, or past its discard date.
- Test strip or test strip vial is damaged, expired, or past its discard date.
- Analyzer, test strips and/or control solution were not all at the same temperature when the control solution test was performed.
- A problem with the analyzer.
- Dirt or contamination in the small well on the top of the control solution cap (See Step 2).

⚠CAUTION:

If you continue to get control solution results that fall outside the range printed on the test strip vial, DO NOT use the analyzer, test strips, or control solution. Contact Customer Service (See page 76).

Options after getting a control solution result

Once you have a control solution result, you may:

- Press back to return to the Main Menu.

  Or,

- Press and hold OK for several seconds until the analyzer turns off. The analyzer will also automatically turn off if left alone for two minutes.

NOTE: Control solution results can be seen when reviewing past results but are not included in result averages.

Cleaning

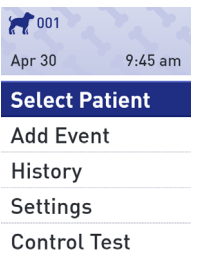
Clean the top of the control solution cap with a clean, damp tissue or cloth.

4. Meal and insulin dose tagging

Add meal from main menu

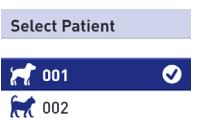
1. Select the Pet

NOTE: This step is only required if multiple patients have been added to the device or the pet profile identified in the top left of screen is not the required patient/pet.



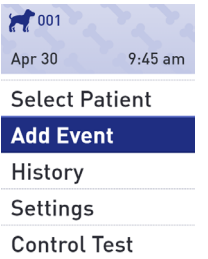
From the Main Menu, press ^ or v to highlight Select Patient and press OK.

Press ^ or v to highlight the required patient/pet and press OK.



2. **Get to Add Events**

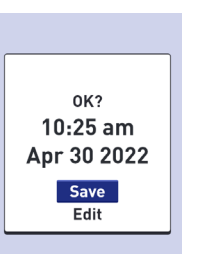
From the Main Menu, press ^ or v to highlight Add Event and press OK.



From the Add Event menu, press ^ or v to highlight Add Meal and press OK.

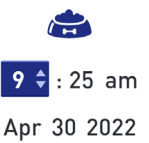
If the required date and time is correct, press OK.

If you need to make an adjustment to the time, press ^ or v to highlight Edit and press OK.



Press ^ or v to change the hour and press OK.

Repeat this step to change the minutes, am or pm, month, day and year.

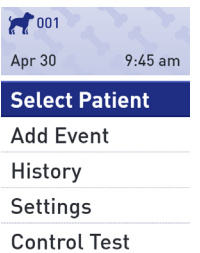


When the time and date is correct, press OK.

Add insulin dose from main menu

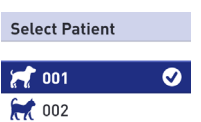
1. Select the Pet

NOTE: This step is only required if multiple patients have been added to the device or the pet profile identified in the top left of screen is not the required patient/pet.



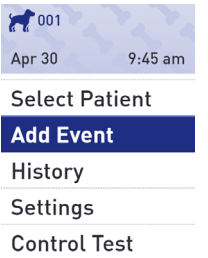
From the Main Menu, press ^ or v to highlight Select Patient and press .

Press ^ or v to highlight the required patient/pet and press OK.



Get to add events

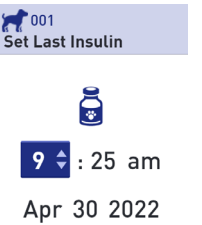
From the Main Menu, press or to highlight Add Event and OK.



From the Add Event menu, press or to highlight Add Insulin and OK.

If the required date and time is correct, press OK.

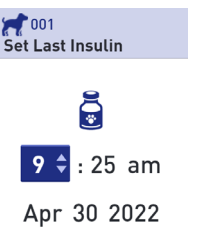
If you need to make an adjustment to the time, press ^ or v to highlight Edit and press OK.



Press ^ or v to change the hour and press OK.

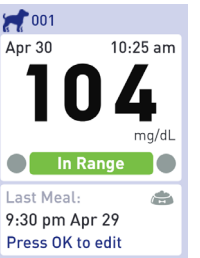
Repeat this step to change the minutes, am or pm, month, day and year.

When the time and date is correct, press OK.

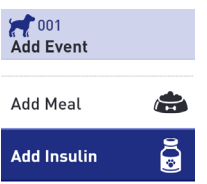


Add meal or insulin dose from test result

From the a test result screen press OK.

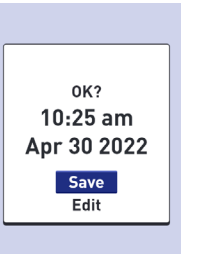


From the Add Event menu, press ^ or v to highlight Add Meal or Add Insulin as required and press OK.



If the required date and time is correct, press OK.

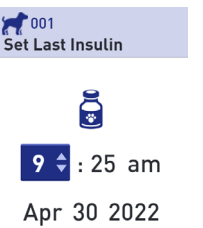
If you need to make an adjustment to the time, press ^ or v to highlight Edit and press OK.



Press ^ or v to change the hour and press OK.

Repeat this step to change the minutes, am or pm, month, day and year.

When the time and date is correct, press OK.



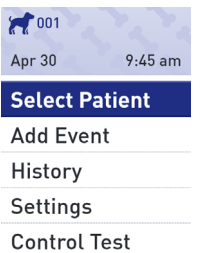
5. Review past results and averages

Your analyzer stores your pet's most recent 500 blood glucose and control solution test results and displays them in several ways.

Review your patient's/pet's past results

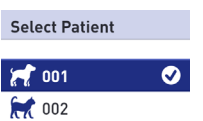
1. Select the Pet

NOTE: This step is only required if multiple patients have been added to the device or the pet profile identified in the top left of screen is not the required patient/pet.



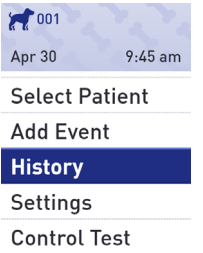
From the Main Menu, press ^ or v to highlight Select Patient and press OK.

Press ^ or v to highlight the required patient/pet and press OK.

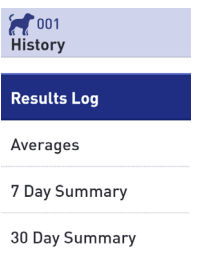


2. **Get to the Results Log**

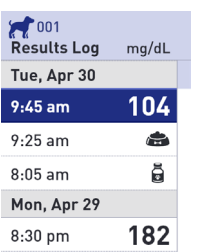
From the Main Menu, press or to highlight History and press OK.



From the Main Menu, press or to highlight Results Log and press OK.



Up to four records are displayed on the screen, starting with the most recent.



3. Scroll through your results

Press ^ to move backward and v to move forward through your results. Pressing and holding ^ or v allows you to move more quickly.

Press ↩ to return to the Main Menu.

The following symbols may also appear:

 if the record is a meal record

 if the record is a insulin dose record

LO if the blood glucose result was below 20 mg/dL (1.1 mmol/L)

HI if the blood glucose result was above 600 mg/dL (33.3 mmol/L)

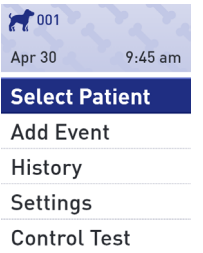
C if the result is from a control solution test (See page 47)

View your patient's/pet's averages

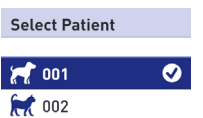
1. Select the Pet

NOTE: This step is only required if multiple patients have been added to the device or the pet profile identified in the top left of screen is not the required patient/pet.

From the Main Menu, press ^ or v to highlight Select Patient and press OK.

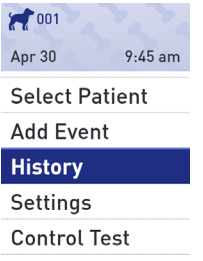


Press ^ or v to highlight the required patient/pet and press OK.

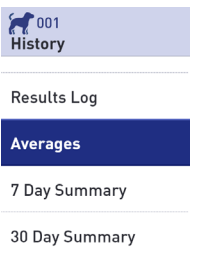


2. Get to the Averages screen

From the Main Menu, press or to highlight History and press OK.

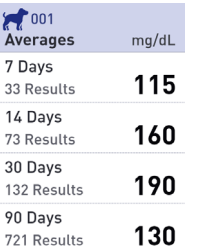


From the History menu, press or to highlight Averages and press OK.



Press to return to the Main Menu.

For each of the 7, 14, 30 and 90- day periods leading up to the current date, the analyzer displays the number of results and the average of those results.



NOTE: Averages are calculated only when there are at least 2 blood glucose results for the time period being averaged.

If you DO NOT have results in the past 7, 14, 30 and 90-day periods, the number next to Results will be zero and dashes will appear in the value column.

In result Averages, an EXTREME HIGH GLUCOSE result is always counted as 600 mg/dL (33.3 mmol/L), and an EXTREME LOW GLUCOSE result is always counted as 20 mg/dL (1.1 mmol/L). See page 20 for more information on low and high blood glucose results.

NOTE: The analyzer calculates averages based on the 7, 14, 30 and 90-day periods ending on the current date setting.

If you change your date setting, your pet's averages may change too.

Result averages provide information from past results.

DO NOT use result averages to make immediate treatment decisions. Always consult your veterinary healthcare professional before making significant changes to your pet's diabetes care plan.

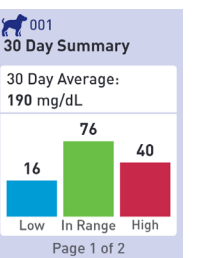
⚠CAUTION:

DO NOT administer tests under another patient's/pet's profile as the profiles averages may be affected.

7 Day and 30 Day summary

Summary screens display information for either the 7 or 30 day period leading up to the current date, depending on your selection on History screen.

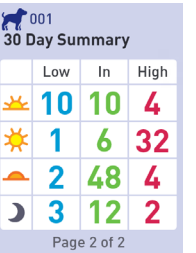
The first screen will display either the 7 or 30 Day Average along with the total number of test results included in the average.



The number of results that are Low, In Range and High are displayed and appear as bar graphs.

Press OK to proceed to the second screen.

This screen displays the number of test results that are Low, In Range and High, by time of day. The four time slots are Morning, Afternoon, Evening and Night. The time frames for the four time slots cannot be changed.



Morning	06:00 to 11:00
Afternoon	11:00 to 17:00
Evening	17:00 to 24:00
Night	24:00 to 06:00

After viewing the last screen, press to return OK to the History screen.

NOTE: The 7 Day Summary screens show the identical information as the 30 Day Summary, but for the most recent 7 day period.

6. Care and maintenance

Storing your system

Store your analyzer, test strips, control solution and other items in your carrying case. Keep in a cool, dry place between 41°F and 86°F (5°C and 30°C). DO NOT refrigerate. Keep all items away from direct sunlight and heat.

NOTE: Improper storage may cause inaccurate test results or error messages.

Cleaning and disinfection

Cleaning and disinfection are different. Both should be performed at least once per week. Cleaning is part of your normal care and maintenance, but does not kill germs.

You should clean your analyzer, lancing device, and cap before disinfecting. After use and exposure to blood, all parts of this kit may transmit infectious diseases. Disinfection is the only way to reduce your exposure to disease.

For cleaning information, see page 71 and for disinfecting information, see page 72.

- If a single analyzer is used to test more than one patient/pet, the analyzer must be disinfected after each patient, whether or not blood- or body fluid-contamination is suspected.
- If risk of contamination exists, the analyzer should be disinfected after each use.

Cleaning your analyzer, lancing device, and cap

The analyzer, lancing device and cap should be cleaned when they are visibly dirty and before disinfection. If used for a single patient/pet then clean your analyzer at least once per week.

For cleaning obtain regular strength liquid dish soap and a soft cloth. Prepare a mild detergent solution by stirring 2.5 mL of regular strength liquid dish soap into 250 mL of water.

- DO NOT use alcohol or any other solvent.
- DO NOT allow liquids, dirt, dust, blood or control solution to enter the test strip port or the data port.
- DO NOT spray cleaning solution on the analyzer or immerse it in any liquid.

1. **Holding the analyzer with the test strip port pointed down, use a soft cloth dampened with water and mild detergent to wipe the outside of the analyzer and lancing device**

   Be sure to squeeze out any excess liquid before you wipe the analyzer.

   Wipe the outside of the lancing device cap.

2. **Wipe dry with a clean, soft cloth or sterile gauze**

Disinfecting your analyzer, lancing device, and cap

The analyzer, lancing device and cap should be disinfected at least once per week. Be sure to clean the analyzer, lancing device, and cap before disinfecting (follow step 1 on page 71).

For disinfecting, obtain regular household bleach (containing a minimum of 5.5% sodium hypochlorite as the active ingredient)*. Prepare a solution of 1 part household bleach and 9 parts water.

*Follow manufacturer's instructions for handling and storage of bleach.

NOTE: Wash hands thoroughly with soap and water after handling the analyzer, lancing device, and cap.

1. **Hold the analyzer with the test strip port pointed down**

   Use a soft cloth dampened with this solution to wipe the outside of the analyzer and lancing device until the surface is damp. Be sure to squeeze out any excess liquid before you wipe the analyzer.

2. **After wiping, cover the surface you are disinfecting with the soft cloth dampened with the bleach solution for 1 minute**

   Then wipe with a clean, damp, soft cloth and allow to air dry.

   Wash hands thoroughly with soap and water after handling the analyzer, lancing device and cap.

   If you see signs of wear, please contact Customer Service (See page 76).

Analyzer disposal

Follow your local policy/guidelines for proper disposal.

Replacing the batteries

Your PETRACKR® Analyzer uses two AAA alkaline batteries (not supplied).

IMPORTANT: Use only AAA alkaline batteries with your analyzer. DO NOT use rechargeable batteries. Use of an incorrect battery type or the replacement of only one battery may result in your analyzer providing fewer tests than normal.

See Troubleshooting, pages 82 and 83, for information on when to change the analyzer batteries.

The analyzer will not turn on if the batteries are completely depleted. You must install new batteries before using your analyzer.

WARNING: Certain batteries may cause leaking which can damage the analyzer or cause the batteries to lose power sooner than normal. Replace leaking batteries immediately.

WARNING: Do Not use lithium batteries, that can cause a sudden power loss with no Low Battery or Battery Empty warning.

1. **Remove the old batteries**

   Start with the analyzer turned off.

   Remove the battery cover by sliding it downward.

   Pull up on the battery ribbon to lift both batteries out of the compartment.

   DO NOT remove the batteries while the analyzer is connected to a computer.

2. **Insert the new batteries**

   Insert two AAA alkaline batteries on top of the battery ribbon. Plus (+) and minus (–) signs will guide you in placing the batteries.

   Replace battery cover by sliding it upwards onto the analyzer.

   If the analyzer does not power on after you have replaced the analyzer batteries, check that the batteries are correctly installed. If the analyzer still does not power on, contact Customer Service (See page 76).

3. **Check your analyzer settings**

   Removing the analyzer batteries will not affect your stored results. However, you may need to check your analyzer settings (See page 24).

4. **Dispose of batteries**

   Dispose of batteries according to your local environmental regulations.

7. Troubleshooting

Customer Service

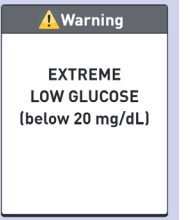
Contact PETRACKR® Customer Service at PETRACKR@universalbiosensors.com

Error and other messages

The PETRACKR® Analyzer displays messages when there are problems with the test strip, with the analyzer or when your glucose levels are above 600 mg/dL (33.3 mmol/L) or below 20 mg/dL (1.1 mmol/L). Improper use may cause an inaccurate result without producing an error message.

NOTE: If the analyzer is on but does not operate (locks-up), contact Customer Service.

What it means

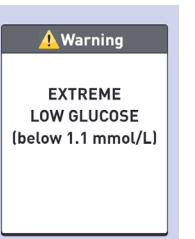


Your patient/pet may have a very low blood glucose level (severe hypoglycemia), below 20 mg/dL.

What to do

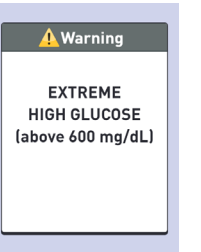
This may require immediate treatment. Although this message could be due to a test error; it is safer to treat first and then do another test.

Always treat according to your veterinary healthcare professional's recommendations.



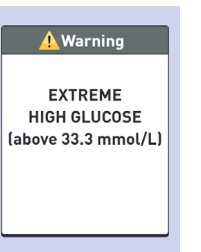
What it means

Your patient/pet may have a very high blood glucose level (severe hyperglycemia), over 600 mg/dL.



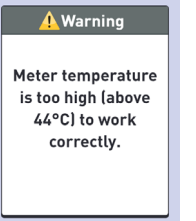
What to do

Re-test your patient's/pet's blood glucose level. If the result is EXTREME HIGH GLUCOSE again, obtain and follow instructions from your veterinary healthcare professional right away.



What it means

Analyzer is too hot (above 104°F or 40°C) to work correctly.

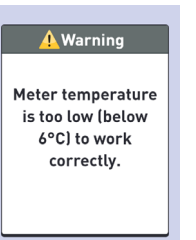


What to do

Move the analyzer and test strips to a cooler area. Insert a new test strip when the analyzer and test strips are within the operating range (50-104°F or 10-40°C).
If you DO NOT get another Temperature too high message, you can proceed with testing.

What it means

Analyzer is too cold (below 50°F or 10°C) to work correctly.



What to do

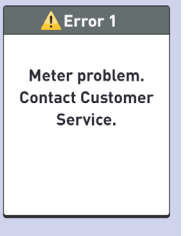
Move the analyzer and test strips to a warmer area. Insert a new test strip when the analyzer and test strips are within the operating range (50-104°For 10-40°C).
If you DO NOT get another Temperature too low message, you can proceed with testing.

What it means

There is a problem with the analyzer.

What to do

DO NOT use the analyzer. Contact Customer Service (See page 76).

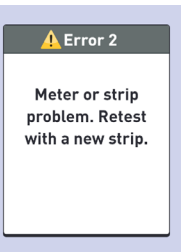


What it means

Error message could be caused either by a used test strip or a problem with the analyzer.

What to do

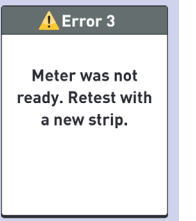
Repeat the test with a new test strip; see page 38 or page 48.



If this message continues to appear, contact Customer Service (See page 76).

What it means

The sample was applied before the analyzer was ready.



What to do

Repeat the test with a new test strip. Apply a blood or control solution sample only after Apply Blood appears on the display. If this message continues to appear, contact Customer Service (See page 76).

What it means

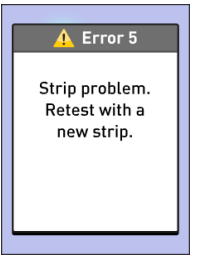
One of the following may apply:

- Not enough blood or control solution was applied, or more was added after the analyzer began to count down.
- The test strip may have been damaged or moved during testing.
- The sample was improperly applied.
- There may be a problem with the analyzer.

What to do

Repeat the test with a new test strip; see page 38 or page 48. If the error message appears again, contact Customer Service (See page 76).

What it means

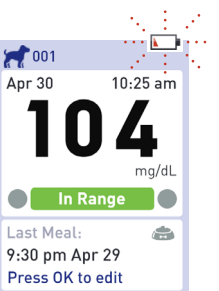


The analyzer has detected a problem with the test strip. Possible cause is test strip damage.

What to do

Repeat the test with a new test strip; see page 38 or page 48.
If the error message appears again, contact Customer Service (See page 76).

What it means



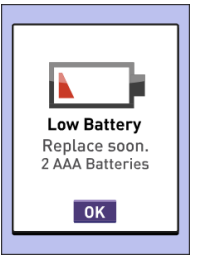
Battery power is low but there is still enough power to perform a test.

What to do

Once the Low Battery icon is displayed, it will continue to appear until you replace the batteries. Test results will still be accurate but replace the batteries as soon as possible.

What it means

Battery power is low but there is still enough power to perform a test.

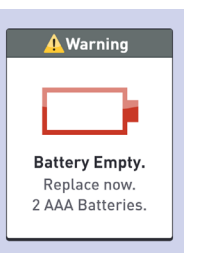


What to do

Press OK to continue but replace the batteries as soon as possible.

What it means

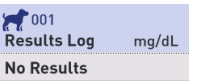
There is not enough battery power to perform a test.



What to do

Replace both batteries immediately.

What it means



No result in memory, such as the first-time use of the analyzer or after downloading all data to a computer.

What to do

Contact Customer Service (See page 76) to report this occurrence, unless this is your first use of the analyzer. You can still perform a blood glucose test and get an accurate result.

8. Reviewing the accuracy of your system

Comparing analyzer results to laboratory results

Results obtained from the PETRACKR® Analyzer and laboratory tests are reported in plasma-equivalent units. However, your analyzer result may differ from a lab result due to normal variation. A result from your PETRACKR® Analyzer is considered accurate when it is within ±20% of the lab result.

Analyzer results can be affected by factors that DO NOT affect lab results in the same way, which may cause a difference of more than ±20%. Specific factors that may cause your analyzer result to vary from your lab result by more than ±20% include:

- Your patient/pet has eaten recently.
- Your pet's hematocrit is above 60% or below 20%.
- Your patient/pet is severely dehydrated.

For additional information, refer to the PETRACKR® Test Strip insert.

Comparing your analyzer results to those taken from another analyzer

Comparing your pet's blood glucose test results taken with this analyzer to your results taken from a different analyzer is not recommended. Results may differ between analyzers and are not a useful measure of whether your analyzer is working properly.

9. References

Technical specifications

Assay method	FAD-GDH (flavin adenine dinucleotide dependent glucose dehydrogenase)
Automatic shutoff	Two minutes after last action
Battery ratings	2 x 1.5V d.c. (2 x AAA alkaline batteries), ⎓ direct current
Battery type	Two replaceable AAA alkaline batteries
Calibration	Plasma-equivalent
Memory	800 records
Operating ranges	Temperature: 42.8-111.2°F (6-44°C) Relative humidity: non- condensing 10-90% Altitude: up to 10,000 feet (3048 meters) Hematocrit: 20-60%
Reported result range	20-600 mg/dL (1.1-33.3 mmol/L)
Sample	Fresh capillary whole blood
Sample volume	0.4 µL
Size	4.29 x 2.19 x 1.10 inches (109 x 55.5 x 25 mm)
Test time	5 seconds
Unit of measure	mg/dL or mmol/L depending on version
Weight	Approximately 3.7 ounces (105 grams)

Regulatory & Safety Notices

Note: Regulatory content for certain regions can also be viewed on your analyzer. To view the content: Settings > Meter Info (See page 29)

Federal Communications Commission (FCC) statement

Model A0381:
FCC ID: 2AXRY-UBSPTKR

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

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

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

- Reorient or relocate the receiving antenna

- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio / TV technician for help

Canada: Industry Canada (IC) statement

Model/Modèle A0381
IC: 26613-UBSPTKR

This device contains license-exempt transmitter(s)/ receiver(s) that comply with Innovation, Science and Economic Development Canada license-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/récepteur 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.

10. Index

This product is protected by one or more of the listed United States patents as well as corresponding patents in other jurisdictions under license by LifeScan IP Holdings, LLC to Universal Biosensors. The list of patents can be found at the following weblink: https://www.onetouch.com/patents

The accuracy of results generated with Universal Biosensors analyzers using test strips manufactured by anyone other than Universal Biosensors has not been evaluated by Universal Biosensors.

Universal Biosensors

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Email: eurep@easymedicaldevice.com
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79209 v1.4
Rev. Date: 08/2023 Analyzer made in China