



For use with PETRACKR® Blood Glucose Monitoring System only.  
**NOT FOR HUMAN USE.** For use on Cats and Dogs only.

**IMPORTANT:** Please read this insert, the PETRACKR® Owner’s Booklet and refer to the PETRACKR® Resources before using. The Owner’s Booklet has full instructions for blood glucose and control solution testing. Do not use test strips if a new vial or carton is open or damaged in any way. This could lead to error messages or inaccurate blood glucose results. Contact your authorized distributor (see [www.universalbiosensors.com](http://www.universalbiosensors.com)) or email [PETRACKR@universalbiosensors.com](mailto:PETRACKR@universalbiosensors.com). As your partner in veterinary diabetes care, we welcome you to contact us at: [PETRACKR@universalbiosensors.com](mailto:PETRACKR@universalbiosensors.com)

Refer to your PETRACKR® Owner’s Booklet for important information on cleaning and disinfecting your PETRACKR® Blood Glucose Analyzer, Lancing Device, and cap

The test strip and lancets are for single use only. Lancing device is for single pet use, do not share with other animal. All parts of the kit are considered biohazardous and can potentially transmit infectious diseases.

**⚠ WARNING: Using this device on multiple cats and dogs may increase the risk of transmitting infectious diseases or bloodborne pathogens. To prevent cross-contamination, ensure the device is properly decontaminated between uses on different pets. Always consult your veterinary healthcare professional before making any significant changes to your pet’s diabetes management plan.**

## Intended use

PETRACKR® Test Strips are used with the PETRACKR® Blood Glucose Analyzer for the quantitative measurement of glucose (sugar) in fresh capillary whole blood samples drawn from the pinna or paw pad samples.

Refer to the Owner’s Booklet for the full system intended use.

## Storage and handling

- The expiration date is printed on the vial
- The discard date is 12 months after you first open a test strip vial. When you open a new vial, write the open date on the label
- **Do not** use after the expiration or 12 months after the open date, whichever comes first
- Store the test strip vial in a cool dry place between 41°F and 86°F (5°C and 30°C) and below 90% relative humidity. Keep away from direct sunlight and heat. **Do not store the test strip vial in rooms where the air is humid such as the kitchen, laundry room or bathroom. Do not refrigerate.** Exposure to temperatures outside the storage limits, as well as moisture and humidity, may cause inaccurate readings
- Store your test strips in the **vial only**. To avoid damage or contamination, **do not** put test strips in any other container
- Open the vial **only** when taking out a test strip for use. Close the vial lid tightly right away after removing a test strip
- Use each test strip **immediately after removing it from the vial**
- **Do not** use test strips from a vial that is damaged or left open to air
- **Do not** get dirt, food or liquids on the test strip. You may touch a new test strip anywhere on its surface with clean, dry hands
- **Do not** bend, cut or alter test strips in any way
- Test strips are for single use only
- **Never reuse a test strip that already has blood or control solution on it**
- **Be sure to follow your veterinary healthcare professional’s recommendations or local regulations for proper disposal**
- Ensure your analyzer and test strips are the same temperature before you test
- Apply only dog or cat blood samples or PETRACKR® Mid Control Solution to the test strip
- **Do not** put a used test strip back in the vial after taking a test
- Used test strips may be considered biohazardous waste in your area. Be sure to follow your veterinary healthcare professional’s advice or local laws when disposing of them

**⚠ WARNING: Keep the test strip vial away from children and unattended 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.**

## Testing blood glucose

Read the PETRACKR® Owner’s Booklet for instructions on how to conduct a blood test and obtain a blood sample.

## Test results

The PETRACKR® Blood Glucose Monitoring System shows results between 20 and 600 mg/dL (1.1 - 33.3 mmol/L).

Observe the cautions below if test results are higher or lower than expected.

**⚠ CAUTION:**

**Low glucose results**

If your pet’s blood glucose result is below expected value or a low glucose warning is displayed, (result is less than 20 mg/dL), this may indicate hypoglycemia (low blood glucose). You may need to treat low glucose immediately.

Always follow the advice of your veterinary healthcare professional.

**High glucose results**

If your pet’s test result is above expected value, it may indicate high blood glucose (hyperglycemia). Consider re-testing and follow the advice of your veterinary healthcare professional.

A high glucose warning is shown when the blood glucose level is over 600 mg/dL. This may indicate very high blood glucose (severe hyperglycemia). Consider retesting and follow the advice of your veterinary healthcare professional if you are concerned about high blood glucose.

If you question the result obtained, always perform a second test with a fresh strip to confirm the result.

**Repeated unexpected glucose results**

If you observe repeated unexpected results:

- Run a control solution test to check your system
- Follow all instructions in the Owner’s Booklet
- Contact your veterinary healthcare professional

Do not ignore symptoms or make significant changes to your pet’s diabetes management program without speaking to your veterinary healthcare professional.

## Range of expected values

Blood glucose management requires the advice of a veterinary healthcare professional. Before using the PETRACKR® Blood Glucose Monitoring System, confirm:

- The target blood glucose range that is right for your pet
- When to test
- Actions required based on your pet’s blood glucose results
- Expected blood glucose levels for a healthy pet:

Species	Range, mg/dL (mmol/L)
Canine	70 - 143 (3.9 - 7.9)
Feline	80 - 143 (4.4 - 7.9)

## Checking the system

The PETRACKR® Mid Control Solution test is used to check that:

- The analyzer and test strips are working together properly
- You are doing the test correctly

Use only PETRACKR® Mid Control Solution.

### When to use control solution:

- If you think the analyzer or test strips are not working properly
- If you get repeated unexpected blood glucose results
- If you drop or damage the analyzer

### Do not use analyzer if it is damaged.

Read the PETRACKR® Owner’s Booklet and refer to PETRACKR® Resources for instructions on how to run a control solution test.

## Limitations of procedure

PETRACKR® Test Strips give accurate results under the following conditions:

- Use only fresh capillary whole blood
- A hematocrit (percentage of your pet’s blood that is red blood cells) between 20% and 60%
- PETRACKR® Test Strips may be used at altitudes up to 10,000 feet (3048 metres) with no effect on test results

**⚠ CAUTION:**

- The PETRACKR® Blood Glucose Monitoring System should not be used within 24 hours of receiving a D-xylose absorption test as it may cause inaccurately high glucose results with your analyzer
- **Do not** use the PETRACKR® Blood Glucose Monitoring System if your pet is being treated for organophosphate poisoning with (2-PAM) (Pralidoxime) as it may cause inaccurate glucose results with your analyzer
- Test results may be falsely low if the pet is severely dehydrated, in shock or in a hyperosmolar state (with or without ketosis)

## Alternate site limitations

**Do not** use the PETRACKR® Blood Glucose Monitoring System for alternate site testing other than as per the intended use or as advised by your veterinary professional.

Refer to the PETRACKR® Owner’s Booklet for the full system intended use.

## Testing principle

The PETRACKR® Blood Glucose Monitoring System is plasma-calibrated for easy comparison of results with lab methods. Glucose in the blood sample mixes with chemicals on the test strip to produce an electrical current. The strength of the current changes with the amount of glucose in the blood sample. The PETRACKR® Blood Glucose Monitoring System measures the current, calculates your pet’s blood glucose level and shows you the result.

## Reagent composition

Each test strip contains: flavin adenine dinucleotide dependent glucose dehydrogenase (from *Aspergillus* sp.); potassium ferricyanide; and other ingredients (buffer, etc.). The vial contains a drying agent.

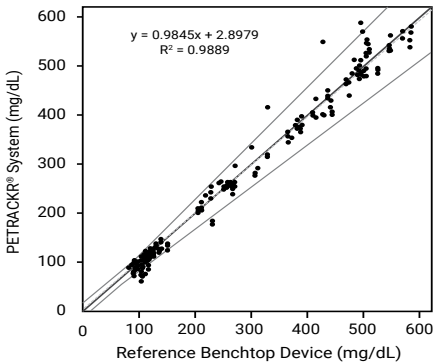
## Performance characteristics

The performance of the PETRACKR® Test Strip has been evaluated both in laboratory and in clinical tests.

**Measurement Range:** The measurement range of the PETRACKR® Blood Glucose Monitoring System is 20 to 600 mg/dL.

The following data is representative of the PETRACKR® Blood Glucose Monitoring System.

PETRACKR® performance was assessed by testing dogs (n=65) and cats (n=39) in triplicate and comparing to the veterinary clinic standard of care benchtop reference analyser result.



## OUR COMMITMENT TO YOU

Our goal is to provide you with quality animal healthcare products and dedicated customer service. If you are not fully satisfied with this product, or if you have questions about the use of any PETRACKR® product from Universal Biosensors, please contact your authorized distributor (see [www.universalbiosensors.com/products/petrackr/petrackr-distributors/](http://www.universalbiosensors.com/products/petrackr/petrackr-distributors/)) or email [PETRACKR@universalbiosensors.com](mailto:PETRACKR@universalbiosensors.com).

If you cannot reach Customer Service or in an emergency, contact your veterinary healthcare professional for advice.

For a complete list of all symbols used, refer to the PETRACKR® Owner’s Booklet.

**Universal Biosensors**

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Test strips made in UK

UBI Drawing  
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5°C  
41°F - 86°F  
30°C

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<b>Lifescan</b> Ins Petrackr Strip 1x50 Gbl en			Art Agency:		Job No.: N/A		
FILE NAME: AW 07296701			MC REV.: C		Contact: UBI		
CPS Reference No.: For CPS number refer to the DMS object under Link & Attachments			JDE Item NO.: 3201097		Rev. Date: 10-FEB-2025		
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