

Part no.	312-4235501-XXX
Product name	單罐試片說明書/GlucoRx Cow (DIME)/英
Spec	L250*W288mm/4折/雜誌紙65P/黑/單面
Designer	Tsaiyi
Color	■ K:100 ■ K:20

Please follow your veterinarian's direction on frequency of testing and time of day for testing.
Veterinary medical device for use under the direction of a veterinary professional.

Warnings

- For single use only.
- Do not use this system to test a cow's blood until a control test result is obtained that is within the recommended range. The recommended control test range is on the ketone test strip vial for cows.
- Please read this sheet and the **Glucorx Cow** Ketone Meter's Owner's Manual before you use these test strips. Use only **Glucorx Cow** Ketone Test Strips with the **Glucorx Cow** Ketone Meter to obtain accurate results and be covered by the manufacturer's warranty.
- Severe dehydration and excessive water loss may cause false low results. If severe dehydration is suspected, consult a veterinarian immediately.
- Keep test strips and the syringe away from small children. If swallowed, consult a doctor immediately for advice.

Intended Use

Glucorx Cow Ketone test strips, when used together with **Glucorx Cow** Ketone Meter, allows cows' β -Ketone levels to be measured. It is intended to be used for the quantitative measurement of β -Ketone in fresh whole blood samples. It should not be used for the diagnosis of diabetes.

Limitations

- Haematocrit: The haematocrit level is between 20% and 40%.
- These test strips are used for testing fresh capillary and venous blood.
- Altitude Effects: Altitudes up to 10,742 feet (3,275m) do not affect test results.
- Use only heparin for anticoagulation of whole blood.

Storage and Handling

IMPORTANT: Do not use your test strips if they have expired.

- Test strips expire 3 months after first opening. Write the opening date on the test strip vial when you first opened it.
- Store the test strips in a cool, dry place between 2°C and 30°C (35.6°F and 86°F) and below 85% relative humidity.
- Keep the test strips away from direct sunlight. Do not store the test strips in high humidity.
- Store the test strips in their original vial **ONLY**. Do not transfer them to a new vial or any other containers.
- Do not touch the test strips with wet hands.
- Use each test strip immediately after taking it out of the vial. Close the vial immediately after taking out a strip.
- Keep the vial closed at all times.
- Do not bend, cut, or alter the test strip.

Strip Appearance



1. Absorbent Hole

Apply a drop of blood here. The blood will be automatically absorbed.

2. Confirmation Window

This is where you confirm if enough blood has been applied to the absorbent hole in the strip.

3. Test Strip Handle

Hold this part to insert the test strip into the meter slot.

4. Contact Bars

Insert this end of the test strip into the meter. Push it in firmly until it will go no further.

ATTENTION

Test results may be wrong if the contact bar is not **fully** inserted into the test slot. The front side of the test strip should face up when inserting the test strip.

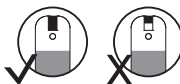
Testing a Cow's β -Ketone

PLEASE WASH AND DRY YOUR HANDS BEFORE PERFORMING ANY TESTING.



STEP 1

Insert the test strip fully into the slot of your meter until it will go no further. When the strip is fully inserted, the meter will do several self-checks. Please make sure you have calibrated your meter with the ketone code strip according to the instructions in the Owner's Manual before testing.



STEP 2

Collect a blood sample of about 0.7 μ L with the test strip. A sufficient quantity of blood is required for the test to provide accurate results. Touch the blood drop with the absorbent hole of the test strip, and wait until the confirmation window is fully covered. Do NOT apply a smeared blood sample. The meter should start counting down.

0.6 mmol/L

STEP 3

After a few seconds, the meter will display your cow's β -Ketone level. The reading will be automatically saved in the meter. Turn it off by removing the test strip.

Make sure you use the ketone code strip and calibrate your meter before using for the first time or changing a new vial of test strips.

Please refer to your Owner's Manual for more information.

The used syringe and test strip are potentially biohazardous. Please dispose of them carefully according to your local regulations.

Read Results

The β -Ketone readings deliver plasma equivalent results and are displayed in millimoles of ketone per liter of blood (mmol/L). Please consult your veterinarian for the target β -Ketone values for each cow.

Questionable or inconsistent results

If the test results are unusual or inconsistent:

- Make sure the confirmation window of your ketone test strip is completely filled with blood.
- Check the expiration date of the test strips.
- Check the performance of your meter and test strip with the ketone control key.
- Make sure your monitor has correct coding, and the code is the same as the code printed on the ketone strip vial you are using.

PLEASE NOTE: High β -Ketone readings can indicate a potentially serious medical condition. If the β -Ketone reading is unusually high, repeat the test with a new ketone test strip. If the reading is not consistent with any visible symptoms, contact your veterinarian and follow his or her treatment advice.

Quality Control Testing

You can check the performance of your meter, ketone test strip and technique by comparing the control test result with the range printed on the label of your ketone test strip vial. Checking regularly can ensure your results are accurate. Please refer to your Owner's Manual for complete Control testing instructions.

IMPORTANT: The reference range of the control test may vary with each new vial of ketone test strips. Make sure you check the range on the label of your current vial. If the LCD displayed code is not the same as the code on the ketone test strip vial, please contact Glucorx Customer care for assistance.

Chemical Components

- > B-Hydroxybutyrate Dehydrogenase (*Pseudomonas sp.*) ≥ 0.5 U
- > Mediator 55%
- > NAD ≥ 0.5 μ g
- > Enzyme protector 8%
- > Non-reactive ingredients 29%

Additional Information for Veterinarians

Veterinarians may use ketone test strips to test capillary and venous whole blood. Use fresh whole blood samples only.

Use only heparin for anticoagulation of whole blood.

Sample Size: 0.7 μ L

Reaction Time: 5 seconds

System Measurement Range: 0.1 mmol/L to 8.0 mmol/L

Haematocrit Range: 20% to 40%

Symbol Information

Symbol	Referent
	Consult instructions for use
	Temperature limitation
	Use by
	Do not reuse

Symbol	Referent
	Manufacturer
	Humidity limitation
	Batch code

Distributed by

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Use Only With **Glucorx Cow** Ketone Meter (TD-4235E)
to test for β -Ketone in cows

