

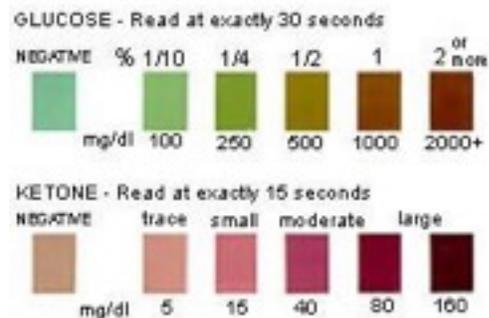
Urine Testing and Keto-Diastix

Why do a urine glucose test?

Many vets recommend urine glucose testing to monitor your pet's diabetes at home. The test is simple and inexpensive, but it has some serious limitations that must be understood.

Urine glucose testing is based on the fact that excessive amounts of glucose in the blood will be filtered by the kidneys and excreted in urine. The renal threshold is the level at which the kidneys cannot process any more glucose from the blood. Once the amount of glucose in the blood exceeds the renal threshold (180 mg/dL), glucose begins to spill into the urine. If blood glucose is high for an extended period of time, glucose is typically present in the urine. The amount of glucose present in the urine depends on how much glucose was present in the blood and for how long blood glucose levels were high.

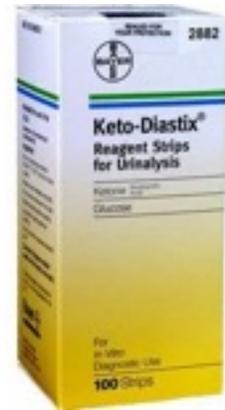
Urine glucose test strips like Keto-Diastix have small test areas at the end that are dipped into urine or held in the urine stream. After a certain amount of time, the color of the test area is compared to a reference color chart. Bayer makes several types of urine test strips. Diastix and Clinistix test only for urine glucose. The Diastix are more sensitive measures of glucose than Clinistix. Keto-Diastix tests for both glucose and ketones. Follow the instructions that come with your test strips, and use the reference color chart shown on the bottle or box.



How to Use Keto-Diastix

To evaluate your pet's urine, you must first collect a urine sample. Once you have done so, dip a Keto-Diastix strip into the urine and remove it immediately. After EXACTLY 15 second, the strip will be ready to read. These strips are extremely time-sensitive, and it may be helpful to use a watch or time clock. After 15 seconds, match the color on the "Ketones" area of the container (the squares with pink shades) with the *inner* square on the test strip.

Exactly 15 seconds later (30 seconds after the strip was dipped), match the color on the "Glucose" band of the container (the squares with green and brown shades) to the square on the *end* of the strip.



If you have any questions, please contact us at (651) 283-7216 or housepawsmn@gmail.com.