



10 Parameters Reagent Strips for Animal Urinalysis



Health Check for Dogs&Cats
60-120 Seconds Testing

Cat.No.: URS-10HQ

10 Parameters Urine Reagent Strips for Animals

Product Name: 10 Parameters Reagent Strips for Animal Urinalysis

Product Description: Easy@Home® 10 Parameters Reagent Strips for Animal Urinalysis are dip-and-read test strips for in vitro diagnostic to help detect the presence of Leukocytes, Nitrite, Urobilinogen, Protein, pH, Blood, Specific Gravity, Ketone, Bilirubin, and Glucose in urine. Test results may provide information regarding the status of carbohydrate metabolism, kidney and liver function, acid-base balance, and urinary tract infection. It is measured by comparing the colored reactants attached to a plastic strip with the color chart blocks printed on the bottle label.

Intended Use

Easy@Home® 10 Parameters Reagent Strips for Animal Urinalysis are used for qualitative and semi-quantitative detection of Leukocytes, Nitrite, Urobilinogen, Protein, pH, Blood, Specific Gravity, Ketone, Bilirubin, and Glucose presence in the urine of cats and dogs. Urine undergoes many changes during state of disease or body dysfunction before blood composition is altered to a significant extent. Testing urine is used as an indicator of health or disease, and as such, is a part of routine health screening. Easy@Home® 10 Parameters Reagent Strips for Animal Urinalysis can be used in general evaluation of health, and aids in the diagnosis and monitoring of metabolic or systemic diseases that affect kidney function, endocrine disorders, and diseases or disorders of the urinary tract. For in vitro diagnostic use only.

Principle

Leukocytes: Normal urine of dogs and cats specimens generally yield negative results. Trace result suggests a possible kidney infection. When trace results occur, it is recommended to retest using a fresh specimen from the same cat or dog. Repeated trace and positive results are of clinical significance. Always contact your physician with questions or concerns.

However, leukocyte field is often falsely positive in cats. False positive may also occur in specimens infected with E coli.

Nitrite: Nitrite is not detectable in normal urine of dogs and cats. The presence of infections caused by nitrate-reducing bacteria suggests a possible urinary tract infection. And the nitrite area will be positive. However, the nitrite area will be positive in some cases of infection, depending on how long the urine specimens were retained in the bladder prior to collection. Retrieval of positive cases with the nitrite test ranges from as low as 40% in cases where little bladder incubation occurred, to as high as approximately 80% in cases where bladder incubation took place for at least 4 hours.

Urobilinogen: A small amount of urinary urobilinogen is normal. Urobilinogen, formed from bilirubin by intestinal microflora, is absorbed into the portal circulation and excreted renally, Urobilinogen is one of the major compounds produced in heme synthesis and is a normal substance in urine. Increased urinary urobilinogen occurs with hyperbilirubinemia. The expected range for normal urine with this test is 3.2-16 µmol/L.

Protein: Proteinuria is defined as the presence of protein in the urine of dogs and cats. A protein test is usually run to screen for kidney diseases. Proteinuria results when the normal renal handling of protein malfunctions or is overwhelmed. Low protein levels in urine is normal, A color equal or greater than 0.3g/L indicates significant proteinuria. Clinical judgment is required to evaluate the significance of trace results. A negative dipstick reading in a dog is a reliable indicator of absence of proteinuria, but false negative results are possible with cats.

pH: Used to help measure acidity or alkalinity in the body through urine. Normal dogs and cats may have a urine pH of 5.5 to 7.5.

Blood: The significance of a trace results 10 cells/ul result, a clinical judgment is required for these specimens on an individual basis. More than 10 cells/ul result is abnormal to request a further investigation. Blood is often, but now invariably, found in the urine of UTI, kidney infection, medication, menstruation, and strenuous exercise.

Specific Gravity: Randomly collected urine of dogs may vary in specific gravity from 1.015-1.045. Randomly collected urine of cats may vary in specific gravity from 1.035-1.060. When the urine specific gravity is continuously lower than 1.008, the kidneys may lack the ability to concentrate urine, please judge based on clinical symptoms.

Ketone: Ketones are normally not present in urine of dogs and cats. Ketones are a byproduct of fat break down. When enough of them built up in the blood, it becomes poisonous to the animal. This type of fat break down usually occurs when the animal can't use glucose as a form of energy due to a lack of insulin.

Bilirubin: Most healthy dogs and cats have no bilirubin in their urine. However, because of the low kidney threshold of dogs, a small number of normal dogs contain detectable bilirubin in their urine. Bilirubinuria can be detected before serum bilirubin is elevated. There is no bilirubin in normal cat urine. Abnormal amounts of bilirubin in the urine are associated with liver disease. False-negative reactions may occur with large amounts of urinary ascorbic acid.

Glucose: When dogs and cats are highly excited, eat too much glucose or fructose, eat a lot of carbohydrate-rich feed, or have kidney disease, such as diabetes, glucose may appear in the urine. In addition, cats may develop temporary hyperglycemia and diabetes after severe stress.

Caution

Water cannot be used as negative quality control liquid. Antiseptic properties of urine cannot prevent the ketone, bilirubin, and urobilinogen from deteriorating. For stale urine specimen, the test results of glucose, pH, nitrite, and blood can be affected because of bacterial growth.

- Do not use after the expiration date.
- Do not touch the reagent areas of the strip.
- Discard any discolored strips that may have deteriorated.
- The strips should remain in the closed bottle until use.
- All specimens should be considered potentially hazardous and handled in the same manner as an infectious agent.
- Used strips should be discarded after testing.

Storage and Stability

Store at 36°F-86°F (2°C-30°C) in the sealed canister up to the expiration date.

Keep out of direct sunlight. The strip is stable through the expiration date printed on the canister label. **DO NOT REMOVE THE DESICCANT.** Remove only enough strips for immediate use. Replace cap immediately and tightly. **DO NOT FREEZE.** Do not use beyond the expiration date.

Note: Once the canister has been opened, the remaining strips are stable for up to 3 months. Stability may be reduced in high humidity conditions.

Specimen Collection and Preparation

Use only clean dry container to collect urine. Shake the collected urine before testing and test within 2 hours of being collected. Any operations must be in a sanitary environment. The use of urine preservatives is not recommended. Prolonged storage of unpreserved urine at room temperature may result in microbial proliferation.

Materials Provided

- Strips
- Package insert

Materials Needed But Not Provided

Container to collect urine
Timer or watch

Test Conditions

Room temperature: 68°F-86°F (20°C-30°C)

Relative humidity: ≤80%

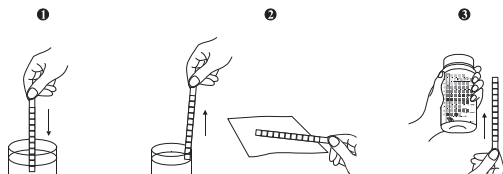
Test Procedure

1. Remove the strip from the closed canister and use it as soon as possible. Immediately close the canister tightly after removing the required number of strip(s). Completely immerse the reagent areas of the strip in fresh, well-mixed urine and immediately remove the strip to avoid dissolving the reagents. **See illustration 1 below.**

2. While removing the strip from the urine, run the edge of the strip against the rim of the urine container to remove excess urine. Hold the strip in a horizontal position and bring the edge of the strip into contact with an absorbent material (e.g. a paper towel) to avoid mixing chemicals from adjacent reagent areas and/or soiling hands with urine. **See illustration 2 below.**

3. Read the test results carefully within 30-120 seconds in a good light and with the test area held near the appropriate color chart on the bottle label. Changes in color that appear along the edges of the test pads or **after more than 2 minutes have passed are of no diagnostic significance.**

Results with Leukocytes test portion can be read within 120 seconds. Nitrate, Urobilinogen, Protein, pH and Blood can be read in 60 seconds. Specific Gravity in 45 seconds, Ketones in 40 seconds and Bilirubin and Glucose in 30 seconds. **See illustration 3 below.**



Recommended Time for Reading Results

The following table below indicates reading times.

Reagent	Read Time
Leukocytes (LEU)	120 seconds
Nitrite (NIT)	60 seconds
Urobilinogen (URO)	60 seconds
Protein (PRO)	60 seconds
pH	60 seconds
Blood (BLO)	60 seconds
Specific Gravity (SG)	60 seconds
Ketone (KET)	60 seconds
Bilirubin (BIL)	60 seconds
Glucose (GLU)	60 seconds

Bibliography

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Legend and Symbols

	Keep dry		Keep away from sunlight
	Store between 2°C-30°C		Contains sufficient for <n> tests
	Expiry date		Date of manufacture
	For in vitro diagnostic use		Batch code
	Consult instructions for use		Do not re-use

Manufactured for

Easy Healthcare Corporation.

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Any questions, please call us toll-free at **1-855-822-6999**,




Monday - Friday 9:00 a.m. -5:00 p.m. Central Time

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Our professional staff will assist you.

To learn more, please visit us at www.healthcare-manager.com

稿件名称: 说明书 动物尿十项试纸URS-10HQ 100S

尺寸(长*宽*高): 285*210 mm 颜色:  C6 M36 Y84 K10  C3.9 M3.9 Y38 K0  C10 M2 Y0.8 K0 材质: 80g双铜 工艺: 四色双面印刷

折页方式: 三折页 修改内容: 文字 颜色 尺寸 工艺 材质 其他 无

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