ONE STEP Feline Immunodeficiency Virus Antibody and Feline Leukemia virus Antigen Test

For veterinary diagnostic use only

Anigen Rapid FIV Ab/FeLV Ag Test Kit

Principles

The **Anigen Rapid FIV Ab/FeLV Ag Test Kit** is a chromatographic immunoassay for the qualitative detection of Feline Leukemia virus antigen and Feline Immunodeficiency virus antibody in feline serum, plasma or whole blood.

The **Anigen Rapid FIV Ab/FeLV Ag Test Kit** has the letters "T" and "C" as the Test line and Control line on the surface of the device. Both the test line and control line in the result window are not visible before applying any samples. The control line is used for procedural control, and should always appear if the test procedure is performed properly and the test reagents of the control line are working. A purple test line will be visible in the result window if there is enough Feline Immunodeficiency virus antibody and/or Feline Leukemia virus antigen in the specimen.

The highly selective Feline immunodeficiency virus antigens and antibodies against to Feline Leukemia virus are used as a capture and detector in the assay. These antigens and antibodies are capable of detecting FIV antibodies and FeLV antigens in feline samples with high accuracy.

Materials provided

Reagent	5 Tests/Kit	10 Tests/Kit
Anigen Rapid FIV Ab/FeLV Ag test device	5	10
Assay diluent bottle	1	1
Disposable capillary tube	5	10
Anticoagulant tube	5	10
Instructions for use	1	1

♣ A black line on the capillary tube is the indicator line for 10μℓ.

Materials required, but not provided

Timer

Precautions

1) The test kit is for feline use only. Do not use for other animals.
2) The test device is sensitive to humidity as well as heat. Perform the test immediately after removing the test device from the foil pouch.
3) Do not reuse the test components.
4) Apply the sample and assay diluent vertically.
5) Do not touch the membrane in the result window of test device.
6) Do not use the test kit beyond the stated expiration date marked on the package label.
7) Do not use the test kit if the pouch is damaged or the seal is broken.
8) Do not mix components from different lot numbers.
9) All samples should be handled as being potentially infectious. Wear protective gloves while handling samples. Wash hands thoroughly afterwards.
10) Decontaminate and dispose of all samples, used kits and potentially contaminated materials safely in accordance with national and local regulations.

Storage and Stability

1) Store the test kit at 2~30°C. **DO NOT FREEZE.**
2) Do not store the test kit in the direct sunlight.
3) The test kit is stable within the expiration date that marked on the package label.

Collection and Preparation of Sample

1) Feline whole blood, serum, or plasma should be used with this test.
   [Whole blood] Collect the whole blood into the anticoagulant tube (Max. vol. 1.5ml) provided. If anticoagulated whole blood is not immediately tested, they should be refrigerated at 2~8°C and used within 24 hours.
   [Serum] Collect the whole blood into the collection tube (NOT containing anticoagulants such as heparin, EDTA and sodium citrate), leave to settle for 30 minutes for blood coagulation and then centrifuge to get serum supernatant.
   [Plasma] Collect the whole blood into the collection tube (containing anticoagulants such as heparin, EDTA and sodium citrate) and then centrifuge to get plasma.
2) If serum or plasma samples are not tested immediately, they should be refrigerated at 2~8°C. For longer storage, freezing is recommended. Frozen samples should be brought to room temperature (15~30°C) prior to use.
3) Samples containing precipitate may yield inconsistent test results. Such samples must be clarified prior to assaying.
4) The use of hemolytic, or bacterially contaminated samples should be avoided. Erroneous result may occur.

Procedure of the Test

1) All reagents and samples must be at room temperature (15~30°C) before use.
2) Remove the test device from the foil pouch, and place it on a flat and dry surface.
3) Using a capillary tube, add **1 drop (approximately 10μℓ) of sample** into each sample hole (S) on the test device.
4) Add **2 drops (approximately 60μℓ) of assay diluent** into each sample hole(S) vertically.
5) Start the timer. The sample will flow across the result window. If it does not appear after 1 minute, add one more drop of assay diluent.
6) Interpret test results at **10 minutes**. Do not read after 20 minutes.

[Test Procedure]

1 drop of specimen | 2 drops of assay diluent | Interpret at 10 min.

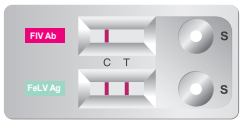
Interpretation of the Result

1) Negative result
Only control("C") line appears in the result window.

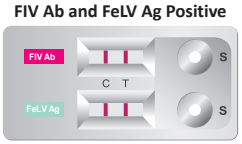
2) Positive result
Test ("T") line and control("C") line appear within the result window to indicate the presence of target antigen or/and antibody.

FIV Ab Positive

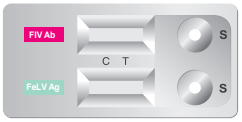
FeLV Ag Positive



FIV Ab and FeLV Ag Positive



3) Invalid Result
If the control("C") line does not appear, the result might be considered invalid. The samples should be retested.



Limitations of the Test

1) Although the Anigen Rapid FIV Ab/FeLV Ag Test Kit is very accurate in detecting Feline Immunodeficiency virus antibody and/or Feline Leukemia virus antigen, a low incidence of false results can occur. Other clinically available tests are required if questionable results are obtained. As with all diagnostic tests, a definitive clinical diagnosis should not be based on the results of a single test, but should only be made by the veterinarian after all clinical and laboratory findings have been evaluated.
2) The reading window may show a light pink background coloration; this will not affect the accuracy of the results.
3) BioNote and its distributors cannot be held responsible for the consequences of misuse or misinterpretation of the results given by the test.

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Manufactured by BIONOTE
BioNote, Inc.
22 Samsung1ro 4-gil, Hwaseong-si, Gyeonggi-do 18449, Republic of Korea
TEL: 82-31-211-0516 I FAX : 82-31-8003-0618 I www.bionote.co.kr

猫免疫缺陷病毒抗体和猫白血病毒抗原快速检测试剂盒

仅供兽医诊断使用

Anigen Rapid FIV Ab/FeLV Ag Test Kit
安捷猫免疫缺陷病毒抗体/猫白血病毒抗原快速检测试纸

■ 原理

安捷猫免疫缺陷病毒抗体/猫白血病毒抗原快速检测试纸采用免疫色谱分析法定性地检测猫血清、血浆或全血中的猫白血病病毒抗原和猫免疫缺陷病毒抗体。

安捷猫白血病毒抗原/猫免疫缺陷病毒抗体快速检测试纸在表面有“T”和“C”两个字母代表测试线和控制线。在未加入样品前两条线都不可见。控制线用来控制反应进程，如果反应正常进行，控制线就可以见到。如果样品中含有足够的猫白血病病毒抗原和/或猫免疫缺陷病毒抗体就可以在测试线处看见一条紫色的线。

■ 提供的材料

提供的材料	10份试纸
份试纸	10
瓶的缓冲稀释液	1
根一次性样品毛细管	10
瓶抗凝管	10
一使用说明	1

♣ 黑色线刻度为 10μℓ.

■ 需要但未提供的材料

计时器

■ 注意事项

1) 仅用于检测猫、不用于其他动物。
2) 测试板对湿度和温度敏感、请随用随拆。在使用试纸以前请不要随便打开。
3) 不要重复使用试組件。
4) 请垂直滴加样品或稀释液。
5) 不要触碰测试窗口的膜。
6) 不要使用过期产品。
7) 包装有损坏或已经打开请不要使用。
8) 请不要混用不同lot号码的組件。
9) 请按具有潜在传染性的物质进行处理样品。请戴手套，操作后请洗手。
10) 请按照当地的法律来处理一次性医疗废弃物。

■ 保存和稳定性

1) 试纸要保存于室温(2~30℃)或者冷藏。不要冷冻。
2) 不要存放于光线直射处。
3) 在有效期前是稳定的。

■ 采样与准备

1) 测试需要血清、血浆或全血。
[全血]
将采集的全血收集到抗凝管中（少于1.5ml）。如不想立即使用抗凝全血进行检测，请将其保存在2~8℃环境下并于24小时内完成检测。
[血清]
请使用不含有抗凝(EDTA、肝素和者枸橼酸钠抗凝)剂的采集管收集血液，静置30分钟后离心、采集上清液。
[血浆]
请使用含有抗凝(EDTA、肝素和者枸橼酸钠抗凝)剂的采集管收集血液，离心后采集上清液。
2) 不想立即使用血清或血浆样本时，可将其冷藏保管在2~8℃环境下。如需更长时间的保存时建议冷冻保管。冷冻保管的样本，在使用前请先带回室温(15~30℃) 进行回温。
3) 样品中如果有凝集块会堵塞试纸。这类药品操作前要使它澄清。
4) 避免使用溶血或污染的样品。可能会发生错误。

■ 测试步骤

1) 所有试剂在使用前，必须进行回温后才开始检测操作。(15~30℃)
2) 取出试纸，将它平放于宽敞和干燥的表面。
3) 用一次性毛细管滴加一滴(大约10μℓ)猫的血清、血浆或全血到样品孔总。
4) 再滴加2滴(大约60μℓ)缓冲稀释液。
5) 开始时，你可以看到有一条紫色的条带在移动。如果1分钟后仍然没有移动，再往样品孔中滴加一滴缓冲稀释液。
6) 10分钟后判断结果。不要在远远超过20分钟后判读。

[测试步骤图解]

一滴样品　　二滴缓冲液　　10分钟后判读

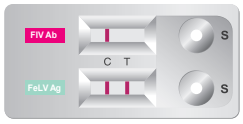
■ 判读结果

1) 阴性结果
两个窗口都只有一条线表示阴性结果。

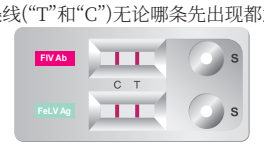
2) 阳性结果

猫免疫缺陷病毒抗体阳性结果
猫艾滋病窗口出现两条线(“T” 和“C”)而猫白血病窗口只出现一条线，无论哪条先出现，都意味着猫免疫缺陷病毒抗体阳性。

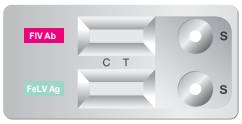
猫白血病毒抗原阳性结果
猫白血病窗口出现两条线(“T” 和“C”)而猫艾滋病窗口只出现一条线，无论哪条先出现，都意味着猫白血病毒抗原阳性。

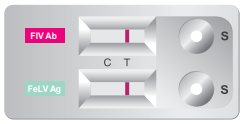


同时阳性结果
两个窗口同时出现两条线(“T”和“C”)无论哪条先出现都意味着阳性结果。



3) 无效结果
如果窗口内无控制线意味着测试无效。建议重新检测





■ 测试限度

1) 即使安捷猫艾滋病抗体/猫白血病毒抗原快速检测试纸可以准确地检测猫免疫缺陷病毒抗体和/或猫白血病毒抗原，一些极小的错误结果还是会发生。其他临床检查也是必须的。所有的诊断结果，不可以基于一项检测的结果，需要兽医通过所有的临床和实验室数据后得出结论。
2) 阅读窗口可能会显示粉红色的背景，这不会影响结果的准确性。
3) 安捷公司和代理商不会对试纸的勿使用或误判断负责。

Manufactured by BIONOTE
BioNote, Inc. 百易奥生物公司
韩国京畿道华城市三星1路4街 22 18449
TEL: 82-31-211-0516 | FAX: 82-31-8003-0618 | www.bionote.co.kr