

Anigen Rapid CPV/CCV/Giardia Ag Test Kit

Principles

The Anigen Rapid CPV/CCV/Giardia Ag Test Kit is a chromatographic immunoassay for the qualitative detection of canine parvovirus, canine corona virus, and giardia antigen in canine feces.

The Anigen Rapid CPV/CCV/Giardia Ag Test Kit has two letters which are test("T") line and control("C") line on the surface of device. Test line and control line in the result window are not visible before applying any samples. The control line is a reference line which indicates the test is performing properly. The control line has to appear every time when the test has performed. If the target antigens are present in sample, a purple test line would appear in the result window.

The highly selective antibodies to target antigen are used as each capture and detector in the assay. These are capable of detecting canine parvovirus, canine corona virus, and giardia antigen in sample with high accuracy.

Materials provided

Reagent	5 Tests/Kit	10 Tests/Kit
Anigen Rapid CPV/CCV/Giardia Ag Test Device	5	10
Assay diluents tube for CPV/CCV Ag (P)	5	10
Assay diluents tube for Giardia Ag (G)	5	10
Disposable swab	10	20
Disposable dropper	10	20
Instructions for use	1	1

Materials required, but not provided

- 1) Timer

Precautions

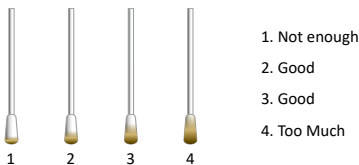
- 1) The test kit is for canine use only. Do not use for other animals.
- 2) The test device is sensitive to humidity as well as heat. Perform the test immediately after removing the test device from the foil pouch.
- 3) Do not reuse the test components.
- 4) Apply the sample using dropper vertically.
- 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 because the components in this kit have been quality control tested as standard batch unit.
- 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.
- 11) This product is designed for primary antigen screening and is not suitable for use for verifying the progress of treatment and determining the cure.

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.

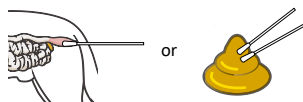
Collection and Preparation of Sample

- 1) The canine feces should be used as a sample for this test.
- 2) The samples should be tested immediately after collection.
- 3) If samples are not tested immediately, they should be stored at 2~8°C for 24 hours. For longer storage, freeze at -20°C or below.
- 4) The amount of fecal swab may affect the results. It is required to follow the swab amount of feces as shown in the picture on the below. Excessive fecal amount may induce a false positive result and slow migration.

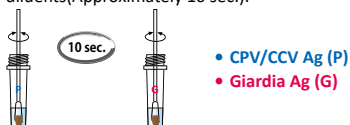


Procedure of the Test

- 1) All reagents and samples must be at room temperature (15~30°C) before use.
- 2) Collect the samples for CPV/CCV Ag and Giardia Ag Test using 2 swabs.



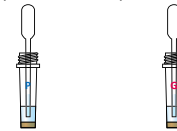
- 3) Insert the swab into the assay diluents tube(P) for CPV/CCV Ag Test and assay diluents tube(G) for Giardia Ag Test. Mix the swab until the sample has been dissolved into the assay diluents(Approximately 10 sec.).



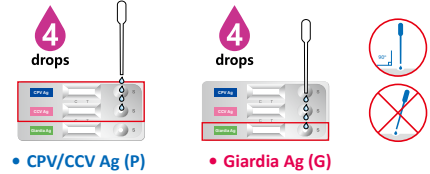
- 4) Wait for 1 minute to settle down the large particles.



- 5) Remove the test device from the foil pouch, and place it on a flat and dry surface.
- 6) Using the disposable dropper, take the supernatant sample in the tube.



- 7) Add 4 drops of each mixed sample into each sample hole, drop by drop vertically.



*NOTE: Use different disposable droppers for assay diluents (P) and assay diluents (G).

- 8) Start the timer. The sample will flow across the result window. If it does not appear after 1 minute, add one more drop of mixed sample to the sample hole.

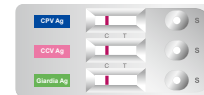
- 9) Interpret test results at 5~10 minutes. Do not read the result after 20 minutes.



Interpretation of the Result

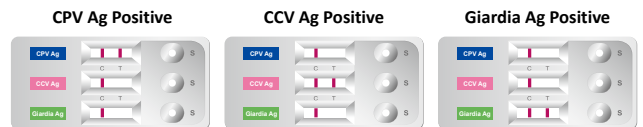
1) Negative result

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



2) Positive result

Test ("T") line and control ("C") line within the result window indicate the presence of CPV, CCV and/or Giardia antigen.



3) Invalid Result

If the control("C") line does not appear, the result might be considered invalid. The sample should be re-tested.



Limitations of the test

- 1) Although the Anigen Rapid CPV/CCV/Giardia Ag Test Kit is very accurate in detecting canine parvovirus, canine corona virus, and giardia antigen, a low incidence of false results can be occurred. Other clinically or laboratory tests might be required if questionable results are obtained. As other diagnostic tests, a definitive clinical diagnosis should not be based on the result of a single test, but should be diagnosed 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.

Anigen Rapid CPV/CCV/Giardia Ag Test Kit

犬细小病毒/冠状病毒/贾第鞭毛虫抗原检测试剂盒

■ 解释

安捷CPV/CCV/Giardia 抗原快速检测试纸采用免疫色谱分析法定性地检测犬类粪便中的传染性病原体例如：细小病毒、冠状病毒和贾第鞭毛虫。

安捷CPV/CCV/Giardia 抗原快速检测试纸在试纸表面有“T”和“C”两个字母表示测试线和控制线。在没有加入样品之前两条线都是不可见的。控制线用于控制反应过程，如果反应正常进行控制线则会显现。样品中如果有犬细小病毒、冠状病毒或贾第鞭毛虫的抗原，会在T处出现一条紫色的线。试纸采用了特别筛选的针对细小病毒、冠状病毒或贾第鞭毛虫的抗体。这使得安捷CPV/CCV/Giardia抗原快速检测试纸可以高度准确地检测粪便中的细小病毒、冠状病毒或贾第鞭毛虫抗原。

■ 提供的材料

材料	5份试纸	10份试纸
安捷CPV/CCV/Giardia 抗原快速检测试纸	5	10
CPV/CCV (P)缓冲稀释液	5	10
Giardia (G)缓冲稀释液	5	10
一次性滴管	10	20
棉签	10	20
使用说明	1	1

■ 需要但未提供的

- 1) 计时器

■ 注意事项

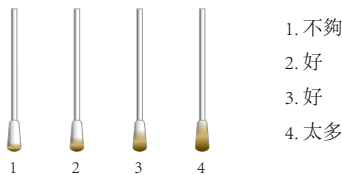
- 1) 仅用于犬，不用于其他动物。
- 2) 测试板对湿度和温度敏感，请随用随拆。
- 3) 不要重复使用试纸。
- 4) 请垂直滴加样品或稀释液。
- 5) 不要触碰测试窗口的膜。
- 6) 不要使用过期产品。
- 7) 如果包装损坏请不要使用。
- 8) 不要混用不同批次的产品因为每批产品都经过自身的质控标准。
- 9) 样品要作为有传染性来处理。请戴手套，操作后请洗手。
- 10) 请适当处理废弃物，不要污染环境。
- 11) 本产品可以灵敏筛查相关病毒抗原，但不建议在用药治疗过程中进行检测或者以此作为判定痊愈的标准。

■ 保存和稳定性

- 1) 试纸可以保存于室温(2~30℃)或者冷藏保存。不要冷冻。
- 2) 在有效期内的试纸是稳定的。
- 3) 不要将试纸放置于太阳直射处。

■ 样品收集和准备

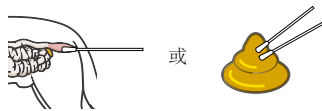
- 1) 该测试使用犬类的粪便。
- 2) 收集样品后必须立刻进行测试。
- 3) 如果样品不能马上检测，请置于2-8度可冷藏24小时，若放置于-20度可更久但使用时请恢复至室温。
- 4) 采集的样本量非常重要。请根据示意图来采集。过多的样本会显示假阳性和跑带缓慢。



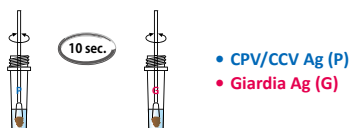
1. 不够
2. 好
3. 好
4. 太多

■ 测试步骤

- 1) 需要在室温下使用(15-30度)。
- 2) 用两根棉签采集犬类粪便。



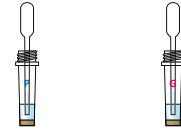
- 3) 将一根棉签和CPV/CCV缓冲稀释液混合。将另一根棉签和Giardia缓冲稀释液混合。搅拌10秒。



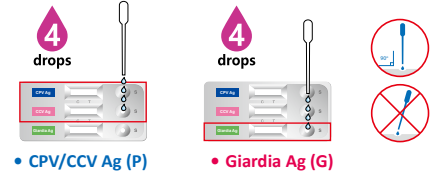
- 4) 静置试管1分钟。



- 5) 取出试纸，将它平放于宽敞和干燥的表面。
- 6) 用提供的吸管小心吸取上清液(不要将粪便颗粒吸取出来)。



- 7) 分别加入4滴萃取液到加样孔中。滴加萃取液需要慢慢地、逐滴加入。



* 用不同的一次性滴管分别吸取萃取液。

- 8) 如果开始工作，你会看到紫色的条带在窗口中移动。如果1分钟后仍然没有反应，再滴加1滴萃取液。

- 9) 5~10分钟判断结果。不要在20分钟后判读。



■ 解释

1) 阴性结果

如果只有一条线(“C”)表示阴性结果。



2) 阳性结果

如果在结果窗中出现两条带(“C”和“T”)，无论那条先出现都表明阳性结果。



3) 无效结果

如果试验操作完成后，未出现对照紫色线(C)，说明结果无效。可能操作不当造成，建议重新检测。



■ 测试限度

- 1) 即使安捷CPV/CCV/Giardia抗原快速检测试纸有很高的准确性，但是也会出现极少的错误。其他可行的临床检查也是必须的。所有的诊断不可以基于一个单一的检测，需要兽医通过所有的临床检查和实验室结果得出综合的结论。
- 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。