

ROTAVIRUS ANTIGEN RAPID TEST KIT
MANUAL

Rotavirus Antigen Rapid Test kit

Catalogue Number. IP100164

Introduction

The Rotavirus antigen rapid test kit is based on colloidal gold immuno-chromatography technique to detect type A Rotavirus antigen in feces of cattle, pig and dog. After adding sample, the sample move along with the colloidal gold labeling Rotavirus antibody, if there is Rotavirus antigen in the sample, it combines with antibody on T line and show wine-red color; if there is no Rotavirus antigen, then no color reaction.

Technical specifications

25 tests/kit

Components

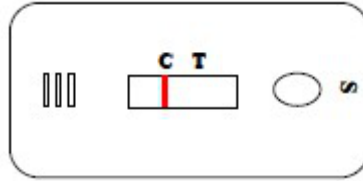
1	RV Ag test card	40 pieces
2	Swab	40 pieces
3	Sample buffer	40 pieces
4	Dropper	1 pieces
5	Manual	1 piece

Operation procedures

- 1) Use Swab to collect sample from Nasal or throat, the swab should be inserted into Nasal or throat, wipe and rotate in inner well repeatedly.
- 2) Insert the swab into the tube with sample buffer immediately, rotate the swab strongly on tube well for at least 10 times and mix the solution evenly, making the sample been dissolved in sample buffer fully. Press the swab on tube well above the liquid level, making the liquid been pressed out fully, discard swab.
- 3) Take out test card from sealed bag. Put it on flat surface, use dropper to draw upper-layer bright liquid, drop 5 drops slowly, one by one, to the sample hole with "S" mark.
- 4) Put the test card at room temperature for 10-15min, read the result, the result is invalid after 15 minutes.

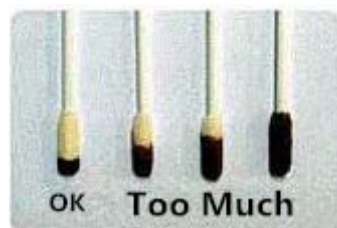
Result judgment

- 1 .Negative: only control line is seen wine red;
- 2 Positive: control line and test line are both seen wine red;
3. Invalidation: control line isn't seen wine red.



Notes

1. Do not use water or other animal serum etc. Non-sample requirement liquid as Negative control.
2. Compare this test card and other immunological detection reagent for a small amount of sample, the result is only for reference because of methodological difference.
3. It's invalidated if reagent solution appear coarse sediment or blue. Do not use test card out of expiry date.
4. Test card and reagent solution need return to room temperature before use. Use soon after open package, the unused test card need to seal and store at 2~8 °C dry place.
5. Do not touch the membrane in the middle of test card.
6. Avoid bubble when add reagent A and B solution. When add reagent A and B solution, please keep 1 cm between dropper and sample well to ensure adding sample accurately.
7. Every step should be continuously, do not stop for a long time.
8. The test card and any samples should be regarded as the source of infection to properly handle.



Application limitations

- 1) This kit is a qualitative screening reagent, can detect CIV antigen accurately, but if sample is not enough or concentration of antigen is lower than sensitivity, it may appear negative result. A clear clinical diagnosis should be made after taking into account all clinical and laboratory phenomenon.
 - 2) The sensitivity and specificity of the product.
- This product has no cross-reaction with similar symptoms to those of Adenovirus, canine distemper, canine parainfluenza

Storage: store at 2-30°C, dark, sealed, dry place, no frozen.

Expiry date: 24 months; date of production is on box.