Rabies Virus Antigen Rapid Test Kit
Catalog No: E-AD-C024
40T

This manual must be read attentively and completely before using this product.

If you have any problems, please contact our Technical Service Center for help.

Phone: 240-252-7368(USA)    Fax: 240-252-7376(USA)
Email: techsupport@elabscience.com
Website: www.elabscience.com

Please kindly provide us the lot number (on the outside of the box) of the kit for more efficient service.
Test principle
This kit applies the principle of Colloidal Gold Immunochromatography assay. The sample will move together with the colloidal gold marker along the chromatography membrane. If Rabies Virus (RBV) antigen exist in the samples, it will combine with the colloidal gold marker to make the detection line appear a purple color. Otherwise, it will not show the color reaction.

Kit components

<table>
<thead>
<tr>
<th>Item</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detection card(with a straw)</td>
<td>40T</td>
</tr>
<tr>
<td>Sample diluent</td>
<td>40 vials</td>
</tr>
<tr>
<td>Cotton swab</td>
<td>40</td>
</tr>
<tr>
<td>Manual</td>
<td>1 copy</td>
</tr>
</tbody>
</table>

Sample preparation
1. Saliva sample: Take the saliva from the mouth of the tested animal (canine, cat) with a cotton swab directly (sample collection affects the detection result, ensure it accurately and adequately).
2. Immediately, insert the cotton swab into a sample tube containing diluent, stir the swab until the sample is dissolved into the diluent fully. Discard the cotton swab after wiping it against the wall of the tube. Make sample solution stand for later use.
3. Bring all reagents to room temperature (18~25℃) for 30 min before use.

Assay procedure
1. Take out the detection card and put it on a clean table.
2. Take the sample supernatant with the straw, add 2~3 drops (about 60 μL) of sample to the sample well vertically and slowly.
3. Stand for 10~15 min at room temperature, and then judge the result. The result is invalid if the time is more than 20min.
Judgment of result

1. **Negative:** Only the control line region (C) shows a purple line in the observation well.
2. **Positive:** Both the test line region (T) and the control line region (C) show a purple line in the observation well.
3. **Invalid:** No purple line shows in the observation well of the control line region (C).

Interpretation of the results

1. The negative result reveals that there is no RBV antigen in the sample. If there is a corresponding acute symptom, then RBV infection cannot be excluded.
2. The positive result reveals that the animal might be infected with RBV antigen, and the result should be combined with clinical and other methods to analyze.

Limitations

This kit is used for detection of RBV antigen in canine and cat only.
Notes
1. Please read the manual carefully before use. All kinds of reagents provided in this kit are only for this experiment.
2. Do not use water, PBS or serum of other animals or other ‘not required by sample’ liquid as the negative control.
3. Do not use product out of date or in a broken aluminum foil.
4. The detection card should be brought to room temperature before opening after take it out from the refrigerator. The opening detection card should be used as soon as possible.
5. The tested sample should be fresh and clear. Avoid of using samples of turbidity, polluted, high hemolysis or abnormal viscous.
6. Avoid of touching the chromatography membrane of the sample well and test well.
7. The waste of experiment should be considered as contaminant, and must be properly handled according to the local regulations.

Storage and valid period
Storage: Store at 2-30°C with cool and dry environment.
Valid Period: 2 years, expiration date is on the packing box.