
Human Rabies Virus (HRV) IgG Rapid Test Kit

Catalog No.: abx092100

Size: 20 tests

Storage: Store all reagents at 2-30 °C. Keep dry.

Application: For qualitative detection of Human Rabies Virus (HRV) IgG in Human Serum Samples.

Introduction and assay principle

Abbexa's Human Rabies Virus (HRV) IgG Rapid Test Kit is a qualitative lateral flow immunochromatographic assay for the detection of Human Rabies Virus IgG (HRV) Antigen in Human Serum samples. The cassette contains a colloidal gold conjugated antibody against HRV, which combines with any HRV antigen present in the samples. The complex binds with the antibody coated on the test region of the cassette. A colored band develops within 20 minutes in the test region if the concentration of HRV antigen in the sample is higher than the detection limit. A control region on the upper end of the cassette confirms if the test has been successful.

Kit components

- Test cassettes (packaged in foil pouches): 20
- Sample diluent: 1 vial

Sample preparation

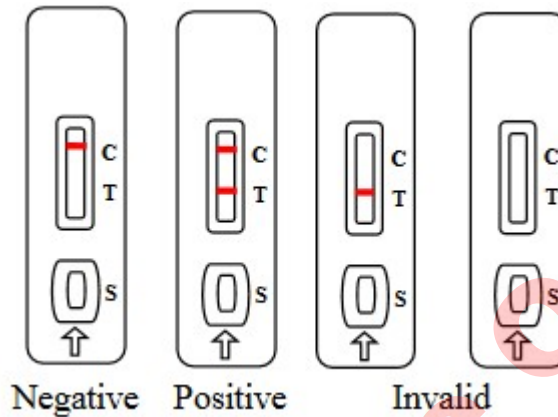
1. Use serum samples only.
2. Serum samples should be stored at 2-8°C temporarily for detection or at -20°C for long-term storage.
3. Do not use haemolysed, turbidity, hyperlipidaemic or polluted samples.
4. Avoid repeated freeze-thaw cycles.

Assay procedure

1. Take a test cassette and lay it flat on a clean table. The test cassette must be used within 30 minutes of opening the foil pouch
2. Add 10µl of prepared sample to the sample well on the test cassette. Avoid touching the membrane in the middle of the sample well, and avoid foaming.
3. Add 1 drop of sample diluent into the sample well vertically and slowly.
4. Leave at room temperature for 15-20 min, then analyze the result.

Results analysis

- **Negative result:** A line is observed in the control (C) section but not the test (T) section.
- **Positive result:** A line is observed in both the control (C) section and the test (T) section.
- **Invalid result:** No line is observed in the control (C) section.



Notes

1. The test cassettes should be brought to room temperature before use.
2. After opening the aluminum foil, use the test cassette as soon as possible.
3. Samples should be clear with no visible particles, turbidity or bacterial pollution.
4. Do not use water, PBS or serum of other animals as the negative control.
5. Avoid touching the cassette membrane through the sample well or test result window.
6. This kit is for qualitative detection of HRV antigen in Human Serum samples. For other sample types, a preliminary experiment is recommended to determine the suitability of this kit with those samples.
7. This kit is for research use only and the results are for reference only. It is recommended to use this kit in conjunction with another detection method.