

Brucella Antibody Rapid Test

Intended use

Lateral flow test is a sandwich lateral flow immunochromatographic assay for detection anti-Brucella spp. antibodies in blood, serum, plasma, and milk of various animal species, including cattle, sheep, goats, pigs, dogs, moose, deer, roe deer, wild boars, hares, foxes, wolves, and other animal species susceptible to brucellosis. Specimen: milk, serum or whole blood. Assay time: 5-10 min.

Principle

The test device has a test window. The testing window has an invisible T (test) zone and C (control) zone. When sample is applied into the sample hole on device, the liquid will laterally flow on the surface of the test strip. If there is enough detection of anti-Brucella antibodies in the sample, a visible T band will appear. The C band should always appear after a sample is applied, indicating a valid result.

Reagents and materials

- Test devices, with disposable droppers
- Assay buffer
- Products Manual

Storage and stability

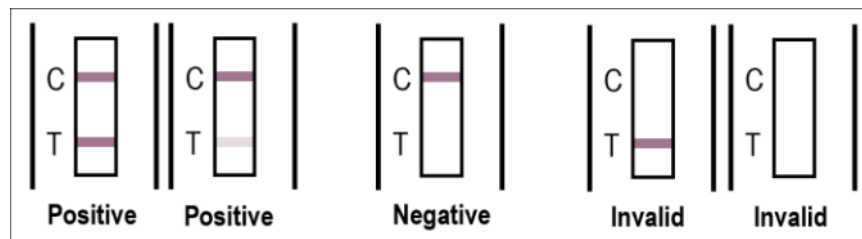
The kit can be stored at room temperature (4-30 °C). The test kit is stable through the expiration date marked on the package label. DO NOT FREEZE. Do not store the test kit in direct sunlight.

Test procedure

- Collect animal whole blood or serum for use.
- Take out the test device from the foil pouch and place it horizontally.
- Drip 1 drop of serum or whole blood sample into a buffer tube, mix.

- Suck the treated sample extraction from the assay buffer tube and place 3 drops into the sample hole “S” of the test device.

Interpretation of results



Positive (+): The presence of both “C” line and zone “T” line, no matter if “T” line is clear or vague.

Negative (-): Only clear C line appears. No “T” line.

Invalid: No colored line appears in “C” zone. No matter if “T” line appears.

Precautions

- All reagents must be at room temperature before running the assay.
- Do not remove test cassette from its pouch until immediately before use.
- Do not use the test beyond its expiration date.
- The components in this kit have been quality control tested as standard batch unit. Do not mix components from different lot numbers.
- All specimens are of potential infection. It must be treated according to the local rules and regulations.

Limitation

Feline Calicivirus Antigen Rapid Test is for in vitro veterinary diagnosis use only. All results should be considered with other clinical information available from veterinarians. It is suggested to apply a further confirmative method when positive results are observed.

- Interpret the result in 5-10 minutes. Result after 10 minutes is considered as invalid.

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