



Standard Operating Procedures



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Name of Policy:	How to run truRapid FOUR Test	Departments:	All
Category & No.:	LAB 11.1	Effective By:	7/10/2025
Version No.:	1.0	Revision History:	Original

Purpose: To outline how to properly use the truRapid FOUR test

Background Information: The truRapid FOUR is a rapid test that is used for the detection of *Dirofilaria Immitis* (heartworm) antigen, *Borrelia burgdorferi* (Lyme) antibodies, *Anaplasma* spp. antibodies, and *Ehrlichia* spp. antibodies.

Procedure:

Materials Needed:

- Green top blood tube (plasma), yellow top/red top blood tube (serum), or purple top blood tube (whole blood)
- Sample test kit
 - Test device
 - Pipettes
 - Sample buffer

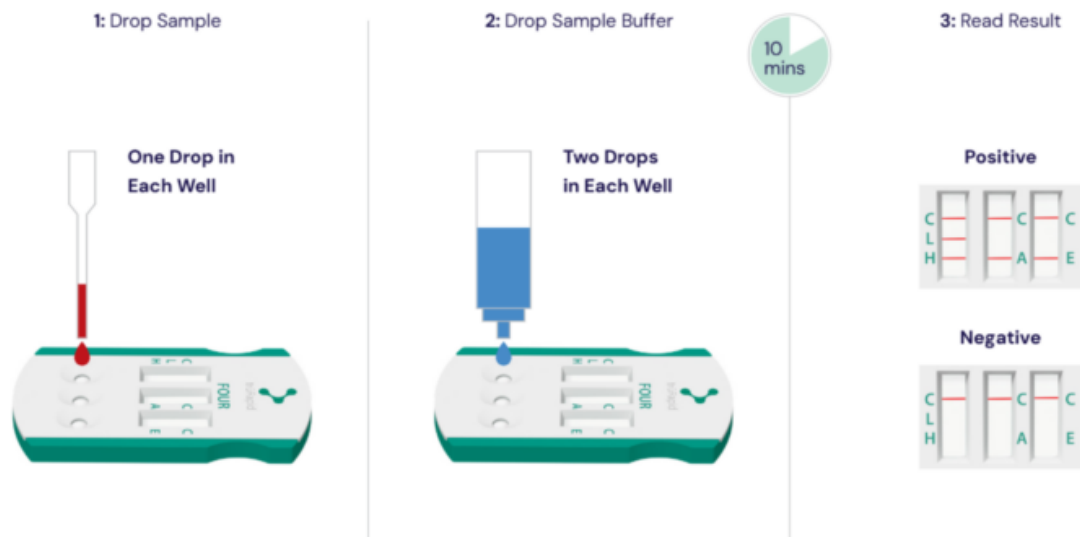
How to Run Sample:

- Test must be requested on EzVet under the diagnostics requested tab.
- Blood sample, sample buffer, and test device should be at room temperature for approximately 30 minutes prior to testing.
- Remove test device from protective pouch and place on a flat surface
- Use the pipette provided to place 1 drop of the sample into each well. Make sure the pipette does not touch the test device. Allow the sample to absorb.
- Add 2 drops of the sample buffer to each sample well.
- Let sit for 10 minutes and read the results.

How to Interpret Results:

- Positive results:
 - If a pink/purple line of any intensity is present at the Heartworm (H), Lyme (L), Anaplasma (A), or Ehrlichia (E) test area and there is a corresponding control line (C) in the test area.
- Negative results:
 - If there is a control line, but no line in the test area.
- The test is invalid if there is no control line, even if there is a visible line in the test area.

Easy Three-Step Workflow



Storage/Precautions

- Test kits should be stored at 35.6-86 degrees F
- Avoid storage in direct sunlight
- Use a new device and pipette for each sample
- Only use the pipette provided with the kits.

References:

<https://www.antechdiagnostics.com/antech-product/trurapid-four-test/>