

trūRapid™ HW/Lyme Test FAQs

Q. What does the trūRapid HW/Lyme test detect?

A. The trūRapid HW/Lyme test is a combination test. It detects the presence of adult female *Dirofilaria immitis* (heartworm) antigens. It also detects C6 antibodies for exposure to *Borrelia burgdorferi* (Lyme).

Q. Which species can be assessed with the trūRapid HW/Lyme test?

A. The test has been validated for use in dogs only.

Q. How many tests are included in each test kit?

A. Each trūRapid HW/Lyme test kit contains 25 tests (*i.e.*, 25 foil-wrapped cartridges, 25 disposable sample pipettes, and a bottle of sample buffer). The catalog number is 100079.

Q. Do test kits need to be refrigerated?

A. The trūRapid HW/Lyme test kits can be stored at room temperature (59–86°F or 15–30°C) and are valid until the expiration date listed on the test kits.

Q. What is the shelf life for the test kits?

A. The trūRapid HW/Lyme test kits have a long shelf life after manufacture and can be used up to the expiration date listed on the test kits. We only ship test kits with more than three months left before they expire.

Q. Are there any special requirements for handling the test kits?

A. The trūRapid HW/Lyme test kits cannot be frozen or stored in direct sunlight.

Q. What is the recommended sample type for this test?

A. The test can be performed using whole blood, serum, or plasma. Whole blood in EDTA or lithium heparin may be preferred because you don't have to spin the sample down to obtain serum or plasma, saving time. Testing with fresh samples is best. However, refrigerated or frozen samples can be used when following proper handling instructions.

Q. Are there any sample preparation steps?

A. There are no sample preparation steps required beyond sample collection.

Q. Are there any sample handling requirements?

A. Samples can be tested fresh, or they can be stored in a refrigerator at 35–46°F or 2–8°C for up to one week. Refrigerated samples must come to room temperature prior to testing. If longer sample storage is required, serum or plasma samples may be stored at 28°F or -20°C. Frozen samples should be centrifuged prior to use.

Q. Are there any interfering factors that can impact test result integrity?

A. There is not interference from lipemia or mild to moderate hemolysis.

Q. What is the test process?

A. After collecting the sample, fill the sample pipette provided in the kit. (The collection syringe cannot be used to deliver samples to the testing well.) Using the filled sample pipette, add one drop of the sample to the test well on the test cassette, followed by two drops of the sample buffer. Allow the test to incubate for 10 minutes before interpreting the test results. Test results can then be manually entered into the data management system.

NOTE: It's good laboratory practice to write a sample identifier on the test cassette.

Q. How long does it take to get a test result?

A. Test results should be interpreted 10 minutes after the addition of the sample and the buffer solution. Tests should not be interpreted before or after 10 minutes.

Q. How are the test results interpreted?

A. The trūRapid HW/Lyme test is a rapid lateral flow test that provides a positive or negative test result for both heartworm and Lyme on a single test strip. Test results should be interpreted 10 minutes after the addition of the sample and the buffer solution. Interpretation is done visually:

- If a pink line appears on both the test and control areas, the test is positive.
- If a pink line appears only in the control area, the test is negative.
- If no pink line appears in the control area, the test result is considered invalid and must be repeated.

See the instructions for use for more details.

Q. How does the test perform? What is the sensitivity/specificity?

A. The trūRapid HW/Lyme test has excellent sensitivity and specificity when compared to laboratory tests and other popular in-house testing brands. Performance study details are documented in the trūRapid HW/Lyme Product Bulletin.

Q. Is it necessary to confirm a positive heartworm test result when using the trūRapid HW/Lyme test?

A. All positive results should be confirmed with a secondary test that uses a different antigen detection method than the original test, as recommended by the American Heartworm Society (AHS) Canine Heartworm Guidelines (2024). Secondary tests include microfilaria testing (Knott's) or an antigen test from a manufacturer that's different than the original test.

Q. Does Antech offer confirmatory testing for trūRapid heartworm test results?

A. Please call Specialty Products Technical Support at 800.464.3252, opt 5 with any questions regarding trūRapid heartworm test results and to discuss follow-up testing options.

Q. Are there any guidelines regarding confirmatory or follow-up testing for a positive Lyme test?

A. The 2018 ACVIM consensus update on Lyme borreliosis in dogs and cats indicates the utility of testing for C6 antibodies for the detection of Lyme disease.¹ Refer to the Antech Lyme Clinical Algorithm for more detailed guidance.

Q. How can test kits be ordered?

A. To order trūRapid HW/Lyme test kits, call 800.464.3752, option 1 ► option 2, or email orders@heska.com. You can also order via our customer ordering portal at <https://customerportal.heska.com>.

Q. Who can we contact if we have questions about trūRapid HW/Lyme test performance?

A. For questions about trūRapid HW/Lyme test performance contact Heska's Specialty Products Technical Support at 800.464.3752, opt 5.

Refereneces

¹ Littman, M. P., Gerber, B., Goldstein, R. E., Labato, M. A., Lappin, M. R., & Moore, G. E. (2018). ACVIM consensus update on Lyme borreliosis in dogs and cats. *J Vet Intern Med*, 32(3), 887–903. <https://doi.org/10.1111/jvim>.



For more information, please call Heska's Specialty Products Technical Support at 800.464.3752, option 5.