

Frequently asked questions about the SNAP Leish 4Dx Test

What is the SNAP Leish 4Dx Test?

The SNAP* Leish 4Dx* Test is an in vitro test for the detection of antigen to *Dirofilaria immitis*, antibodies to *Leishmania infantum*, *Anaplasma phagocytophilum*, *Anaplasma platys*, *Ehrlichia canis*, *Ehrlichia chaffeensis* and *Ehrlichia ewingii* in canine serum, plasma or anticoagulated whole blood.

What does a positive SNAP Leish 4Dx Test result indicate?

To determine the test result, read the reaction spots in the result window. If no color develops in the positive control spot, repeat the test. Any blue color development in the sample spots indicates the presence of the analyte on the corresponding spot location as indicated in the product insert (*Dirofilaria immitis* antigen, *Leishmania infantum* antibodies, *Anaplasma* spp. antibodies or *Ehrlichia* spp. antibodies).

I ran the SNAP Leish 4Dx Test and received a light positive on a spot. Does the color intensity of the spot mean anything?

No, any color development in the sample spot indicates a positive result. The amount of antigen or antibody produced by individual dogs differs. It's not possible to correlate the color intensity of the sample spot and the level of infection. Keep in mind that every dog is different.

Is the SNAP Leish 4Dx Test meant to be a "sick dog" test?

The SNAP Leish 4Dx Test is recommended for all in-clinic testing needs, including annual health checks and sick visits. It detects the presence of antibodies to *L. infantum*, *A. phagocytophilum*, *A. platys*, *E. canis*, *E. chaffeensis* and *E. ewingii*. It also detects *D. immitis* antigen.

Is the SNAP Leish 4Dx Test an antibody or antigen test?

The *D. immitis* assay is an antigen test, and the *L. infantum*, *Anaplasma* spp., and *Ehrlichia* spp. assays are antibody tests

Which types of samples can be used on the SNAP Leish 4Dx Test?

You can use serum, plasma or anticoagulated whole blood (e.g., EDTA, heparin), fresh or refrigerated at 2°C–8°C for up to one week. Plasma and serum samples stored at -20°C or colder can be used once thawed and recentrifuged. Samples should be equilibrated to room temperature prior to running the test.

How many sample drops and conjugate drops do I need to run the SNAP Leish 4Dx Test?

The SNAP Leish 4Dx Test requires 3 drops of sample and 4 drops of conjugate.

I used the incorrect conjugate/sample ratio. Can I rely on the results I received?

No, we recommend re-running the test with the exact ratio of conjugate/sample listed in the package insert: 3 drops of sample and 4 drops of conjugate.

What is the read time for the SNAP Leish 4Dx Test, and is it really important?

The test result must be read 8 minutes after the SNAP Leish 4Dx Test device is activated. The test does not contain stop solution, and after 8 minutes, color development may occur as an artefact. Do not report results read after 8 minutes.

How do the kit components need to be stored?

- + Store at 2°C–8°C until expiration date; alternatively, SNAP Leish 4Dx Test devices and reagents can be stored at room temperature (18°C–25°C) for 6 months or until the expiration date, whichever occurs first.
- + After SNAP Leish 4Dx Test devices and reagents are removed from 2°C–8°C for more than 24 hours, the expiration date is 6 months or the printed expiration date, whichever occurs first. If the 6-month expiration date occurs prior to the printed expiration date, record the new date in the space provided on the kit.
- + All components must be at room temperature (18°C–25°C) before running the test. Allow acclimation to room temperature for 30 minutes. Do not heat.
- + Cycling is the process of removing the product from the refrigerator, allowing it to equilibrate to room temperature and then returning back to the refrigerator if not used during a certain timeframe. The SNAP Leish 4Dx Test can be cycled for up to 14 hours, 30 times.

My SNAP Leish 4Dx Test has been out of the foil package for the day. Can I still use it?

No, the SNAP Leish 4Dx Test, and any other SNAP test, must be used within 2 hours of removing it from the foil package.

Can my SNAP Pro Analyzer read the SNAP Leish 4Dx Test?

Yes, the SNAP Pro* Analyzer can read the SNAP Leish 4Dx Test.