

Frequently asked questions about SNAP 4Dx Plus Test

What is the SNAP 4Dx Plus Test?

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

What does a SNAP 4Dx Plus positive test result indicate?

To determine the test result, read the reaction spots in the result window. Any color development in the sample spots indicates the presence of heartworm antigen or *Borrelia burgdorferi*, *Anaplasma phagocytophilum*/*Anaplasma platys*, or *Ehrlichia canis*/*Ehrlichia ewingii* antibodies. If no color develops in the positive control spot, repeat the test.

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

No, any color development in any of the sample spots indicates a positive result. The amount of antigen or antibody produced by individual dogs differs. So 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 4Dx Plus Test meant to be a “sick dog” test or a screening test?

The SNAP 4Dx Plus Test is a screening test recommended for all dogs. It detects the presence of antibodies to *B. burgdorferi*, *A. phagocytophilum*, *A. platys*, *E. canis*, and *E. ewingii*. It also detects heartworm antigen.

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

The heartworm assay is an antigen test, and the *B. burgdorferi*, *A. phagocytophilum*/*A. platys*, and *E. canis*/*E. ewingii* assays are antibody tests.

Which types of samples can be used on the SNAP 4Dx Plus 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.

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

The SNAP 4Dx Plus 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?

We recommend rerunning 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 4Dx Plus Test and is it really important?

The test result must be read 8 minutes after the device is activated. The test does not contain stop solution, and after 8 minutes, color development may occur that is not related to the sample. 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.
- SNAP 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 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 to sit at room temperature for 30 minutes. Do not heat.

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

The SNAP 4Dx Plus 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 4Dx Plus Test?

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