



Three reasons
to think twice
before choosing the
ANTECH[®] AccuPlex[®] 4 Test

Get the facts about heartworm
and tick-borne disease testing

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Know the facts before you choose

between the SNAP® 4Dx® Plus Test and the ANTECH® AccuPlex® 4

What ANTECH says

ANTECH claims that AccuPlex4 offers more sensitive detection than SNAP® Heartworm.¹

ANTECH claims that AccuPlex4 differentiates between natural exposure and vaccination to *Borrelia burgdorferi*.⁵

ANTECH claims that AccuPlex4 offers highly specific ehrlichiosis detection with fewer false negatives.¹¹

The FACTS

The most appropriate comparison to AccuPlex4 is the SNAP® 4Dx® Plus Test. The SNAP 4Dx Plus Test is superior for low-burden heartworm infections with 89% sensitivity and 100% specificity; AccuPlex4 is 76% sensitive and 95% specific.²

AccuPlex4 may not be able to differentiate between early-stage infection and a vaccination. ANTECH suggests results won't cause confusion "as long as your hospital notes Lyme vaccinations in your patient records..."⁶

AccuPlex4 does not test for *Ehrlichia ewingii*¹¹—only the SNAP 4Dx Plus Test detects **both** *E. canis* and *E. ewingii* from one sample.

Why you should THINK twice

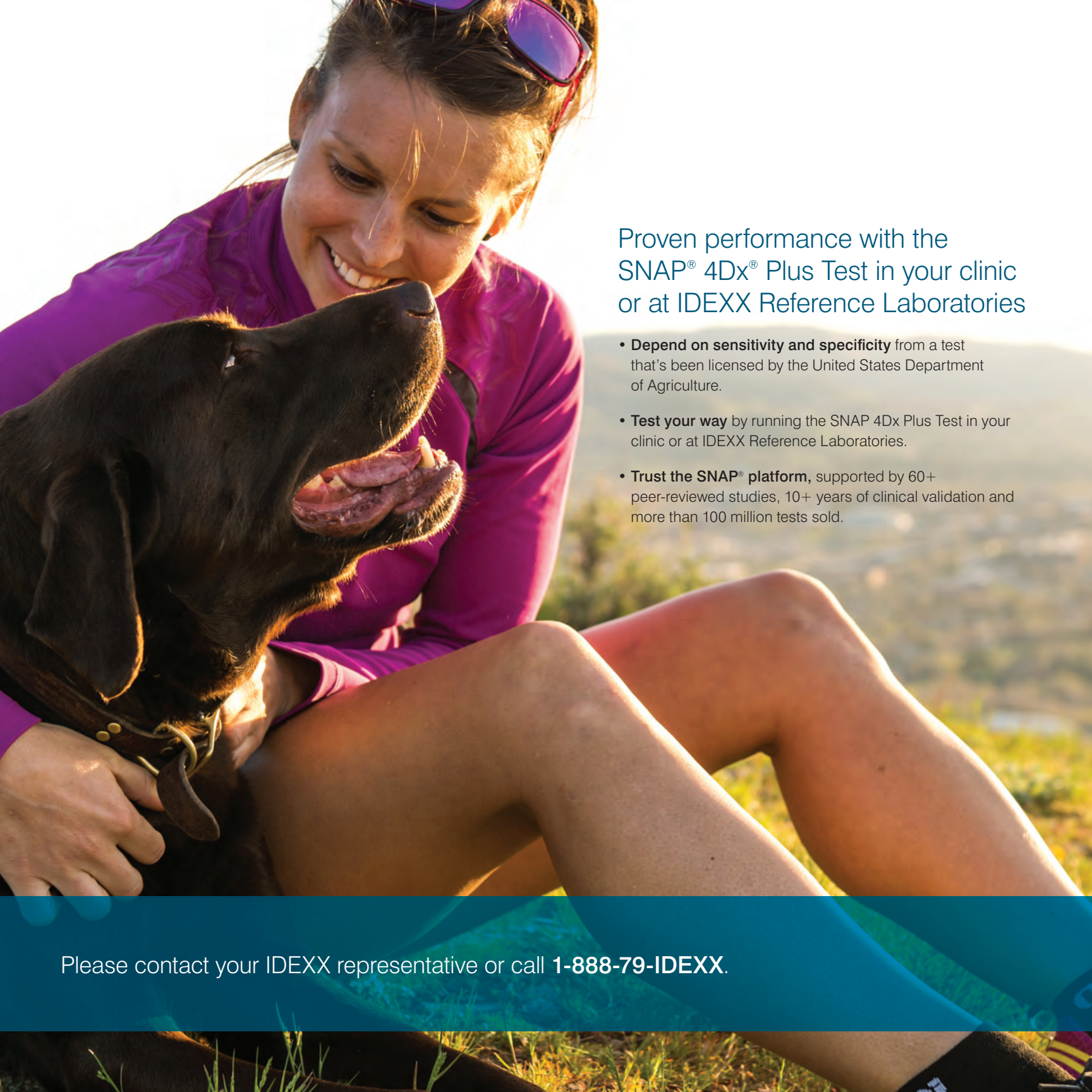
- ANTECH's claim is not based on a head-to-head scientific comparison of the SNAP Heartworm or SNAP 4Dx Plus Test to AccuPlex4.^{3,4}
- What's more, the only peer-reviewed head-to-head research demonstrates conclusively that the SNAP 4Dx Plus Test is more accurate than AccuPlex4.²

- The C₆ antibody response measured by the SNAP 4Dx Plus Test is specific for Lyme infection and distinct from exposure or vaccination.^{7,8}
- The SNAP 4Dx Plus Test will not generate false positives as a result of Lyme vaccination.^{9,10}

- A recent multi-institutional study found that *E. ewingii* has an average positive rate of 5.1% in lone star tick-endemic areas (*E. canis* <1%).¹²
- If you are in a lone star tick-endemic area and you're only testing for *E. canis*, then you could be missing 5 of every 6 *Ehrlichia*-positive dogs at your practice.

Make sure you know the complete story.

See back for detailed references for the information cited above.

A woman with sunglasses on her head, wearing a purple long-sleeved shirt, is sitting on a grassy hill. She is smiling and kissing a black dog on the nose. The dog is looking up at her with its mouth open. The background shows a blurred landscape under a bright sky.

Proven performance with the SNAP® 4Dx® Plus Test in your clinic or at IDEXX Reference Laboratories

- **Depend on sensitivity and specificity** from a test that's been licensed by the United States Department of Agriculture.
- **Test your way** by running the SNAP 4Dx Plus Test in your clinic or at IDEXX Reference Laboratories.
- **Trust the SNAP® platform**, supported by 60+ peer-reviewed studies, 10+ years of clinical validation and more than 100 million tests sold.

Please contact your IDEXX representative or call **1-888-79-IDEXX**.

References

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4. Atkins CE. Comparison of results of three commercial heartworm antigen test kits in dogs with low heartworm burdens. *JAVMA*. 2003;222(9):1221–1223.
5. *AccuPlex4 Clinical Reference Guide*. Irvine, CA: ANTECH Diagnostics; 2011:4.
6. *ANTECH Insights* [newsletter]. Irvine, CA: ANTECH Diagnostics; May/June 2013:5.
7. LaFleur RL, Callister SM, Dant JC, et al. One-year duration of immunity induced by vaccination with a canine Lyme disease bacterin. *Clin Vaccine Immunol*. 2010;17(5):870–874.
8. Liang FT, Jacobson RH, Straubinger RK, Grooters A, Philipp MT. Characterization of a *Borrelia burgdorferi* *VisE* invariable region useful in canine Lyme disease serodiagnosis by enzyme-linked immunosorbent assay. *J Clin Microbiol*. 2000;38(11):4160–4166.
9. The *Borrelia burgdorferi* assay detects antibodies induced as a result of natural infection with the organism and not following immunization with the following vaccines: Recombitek® Lyme, LymeVax®, and Galaxy® Lyme and Nobivac® Lyme. IDEXX Laboratories, Inc. holds a USDA license that supports the differentiation of infected from vaccinated animals (DIVA) claim for the SNAP® 4Dx® Plus Test.
10. O'Connor TP, Esty KJ, Hanscom JL, Shields P, Philipp MT. Dogs vaccinated with common Lyme disease vaccines do not respond to IR₆, the conserved immunodominant region of the *VisE* surface protein of *Borrelia burgdorferi*. *Clin Diagn Lab Immunol*. 2004;11(3):458–462.
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12. Beall MJ, Alleman AR, Breitschwerdt EB, et al. Seroprevalence of *Ehrlichia canis*, *Ehrlichia chaffeensis* and *Ehrlichia ewingii* in dogs in North America. *Parasit Vectors*. 2012;5:29.

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