Screen and quantify

• Identify dogs exposed to Lyme-infected ticks by screening with the SNAP® 4Dx® Plus Test.
• Request the Lyme Quant C6® Test when SNAP® results are positive.
• Use Lyme Quant C6® Test results to determine if an infection is active and if treatment is warranted.
  – C6 antibody levels correlate with organism load and viability.
  – Dogs with high C6 levels are likely to benefit from treatment.

Recheck and protect

• Request the Lyme Quant C6® Test 6 months after completing antibiotic treatment.
• Use results to assess response to treatment and obtain a new baseline in the event of reinfection.
  – C6 antibody levels decline sharply after treatment, unlike other disease markers.
• Reinforce with clients the importance of routine testing as well as year-round prevention.
• Encourage clients to stock up on tick prevention products during their 6-month recheck.
What to do with your SNAP® test result

- **Positive result** indicates infection
  - Determine C6 antibody level with the Lyme Quant C6® Test
  - Perform minimum database, including:
    - CBC with or without blood film evaluation
    - Complete chemistry panel with the IDEXX SDMA® Test to evaluate for kidney disease
    - Complete urinalysis to evaluate for proteinuria

- **Negative result** Infection is unlikely
  - Review benefits of tick prevention
  - Retest in 1 year

**What to do next?**

**Diagnose**

- Clinical signs and/or laboratory findings **DO support Lyme disease** (C6 antibody level ≥30 U/mL)

- Clinical signs and/or laboratory findings **DO NOT support Lyme disease** (C6 antibody level <30 U/mL)

**Treat**

- Doxycycline/tetracycline
- Not generally recommended

**Monitor**

- Monitor for clinical signs; retest C6 antibody level to confirm success of treatment and/or inform re-exposure to infected ticks
- Perform annual minimum database, including a complete chemistry panel with the IDEXX SDMA Test, CBC, and complete urinalysis

**Prevent**

- Evaluate tick prevention strategies and reinforce value of year-round protection

Ask your Veterinary Diagnostic Consultant about the Lyme Quant C6® Test today.

**Strengthen the bonds.**

*Seroology is typically used to diagnose Lyme disease. Borrelia burgdorferi localizes to the tissues and is therefore rarely detectable in the blood by PCR.1

**References**
