

NEW SERVICE

TICK TESTING FOR DIRECT PATHOGEN DETECTION



If you have been bitten by a tick, testing the tick is the fastest way to determine your exposure to serious tick-borne diseases, and to support an early diagnosis and treatment protocol.

Our laboratory can test for:

- ❖ *Borrelia burgdorferi* and *Borrelia miyamotoi*
- ❖ The presence of co-infections in tick; including *Rickettsia* sp., *Babesia* sp., *Anaplasma phagocytophilum*, and *Bartonella* sp.

Call: 03331 210 305 | Email: laboratories@aonm.org

The Academy of Nutritional Medicine (AONM)
www.aonm.org

Tick Testing for Direct Detection

If you have been bitten by a tick, testing the tick itself is the fastest way to find out whether you have been exposed to a tick-borne infection. This allows you to decide on a treatment protocol early on if the test is positive, which can make a significant difference to how severely the infection affects you.

How does the lab test ticks?

The tick testing process involves:

- 1) **DNA extraction** - the first step is to extract the DNA of potentially infectious pathogens from the tick
- 2) **Polymerase Chain Reaction (PCR)** - the second step of the process involves replicating the extracted DNA from the bacteria
- 3) **Gel Electrophoresis** - the third step uses a gel matrix and fluorescent marker under a UV light to identify the DNA



I've been bitten by a tick; how can I test it?

- Remove the tick carefully using fine tipped tweezers or a tick removal tool. Under no circumstances cover the tick with glue, oil, or nail varnish etc. before removal.
- Order a tick testing kit from us to be sent to the address you would like it collected from.
- Carefully place the tick (preferably complete) in the sealable bag, and ensure it is well-sealed. Mark it with the patient's full name, and date of birth.
- Complete the submission form with patient details (full name, address, date of birth), desired laboratory investigations, and sign the form.
- **Call AONM on 03331 210 305** to make payment by credit card, or to let us know you have made a bank transfer.
- Once payment has been confirmed we will provide an **AONM Authorisation Code**. Please enter the code clearly in the box on the submission form.
- Call FedEx on 0345 607 0809 to arrange a pick up from your address. The delivery address is **ArminLabs GmbH, Zirbelstrasse 58, 2nd Floor. 86154 Augsburg GERMANY**.
- Place the form and the tick in the FedEx overpack, remove the adhesive tape, and seal the overpack bag well.
- Please keep a copy of the 12-digit FedEx tracking number.
- You will receive a laboratory report by email within 7 - 10 days. If pathogens are detected in the tick, please refer to your GP to discuss results. Please monitor the area around the tick bite very carefully, and contact your GP immediately if a rash develops.

AONM ORDER FORM

Contact Information

Surname:	First Name(s):	Title(s):
Address:		
Town/City:	Postcode:	Country:
Telephone:	Email:	
Gender:		Date of Birth:

Order

<input type="checkbox"/>	£61.20 incl. VAT	Borrelia Test: <i>Borrelia burgdorferi sensu lato</i> (includes strains <i>garinii</i> , <i>afzelii</i> and <i>spielmanii</i> etc.) <u>plus</u> <i>Borrelia miyamotoi</i>
<input type="checkbox"/>	£75.60 incl. VAT	Tick Screening: <i>Borrelia burgdorferi sensu lato</i> <u>plus</u> <i>Borrelia miyamotoi</i> , <i>Anaplasma phagocytophilum</i> , <i>Babesia</i> sp., <i>Rickettsia</i> sp., and <i>Bartonella</i> sp.

Enter the name of the test you wish to order: _____

Mark the box with a cross, and write the amount to be paid for the test: _____

Add £27 for FedEx courier delivery: Total: _____

Payment

If you would like to pay by credit card, please call the AONM helpline on 03331 210 305

If you would like to pay by bank transfer, please use the following details:

Bank: Barclays Bank, 28 Chesterton Road, Cambridge CB4 3EZ, UK
A/C name: Academy Of Nutritional Medicine (AONM)
Sort code: 20-17-22 **A/C number:** 63880265

Authorisation

AONM Authorisation Code:

Please sign and date to confirm your order:

I hereby declare that I wish to order laboratory tests which might not be covered by my health insurance. I am aware of the costs of all selected tests, the logistic costs with FEDEX and that I have to pay these costs myself and in advance. I agree that all laboratory parameters will be tested by ArminLabs PreAnalytics GmbH. In case of credit card payment, I agree that the Academy of Nutritional Medicine will charge my credit card with the total amount.

I also agree that my personal data can be used and stored for the purposes of sending this sample to Germany and for ArminLabs PreAnalytics and the Academy of Nutritional Medicine to retain the information for these reasons.

Date/Signature: _____