What is MilTICK? MilTICK (Military Tick Identification/Infection Confirmation Kit) is a **free** tick testing and identification service available to Department of Defense (DOD) personnel and their dependents. Formerly known as the DOD Human Tick Test Kit Program, this service is provided by the Laboratory Sciences Directorate and the Tick-Borne Disease Laboratory at the U.S. Army Public Health Center, located at Aberdeen Proving Ground, Maryland.

What does MilTICK do? Ticks can be submitted to MilTICK by eligible individuals following the instructions below, or by using MilTICK Tick Kits that are available at DOD health care facilities (such as Military Treatment Facilities, or MTFs). Once MilTICK receives a tick, it will—

- Identify the species of tick
- Assess how long the tick was attached to a human
- Test the tick for human pathogens (e.g. those that cause Lyme disease, Rocky Mountain spotted fever, etc.)

Results of MilTICK testing will be reported back to the point of contact provided on the MilTICK submission form in 2 weeks or less. These results will be used to track ticks and tick-borne pathogens by location and can also be used by patients who wish to seek medical guidance and/or treatment for possible exposure to tick-borne disease.

Who can submit a tick? Individuals in the following categories are eligible to submit ticks to MilTICK:

- **Active Duty Service Members**
- **National guard personnel**
- **Reservists** in all Services
- **Civilian** personnel working for the DOD or any of the Services (including Army Corps of Engineers)
- **Contractors** supporting the DOD or any of the Services
- **Retired Service Members**
- **Dependents**, including spouses, parents, or children of all above categories

I found a tick on myself or my dependent! How do I submit a tick for testing? To determine the fastest way to submit your tick to MilTICK, follow the below decision tree:

**I have removed a tick from myself or a dependent and am eligible to submit the tick to MilTICK**

- I am at (or can easily get to) a DOD Clinic.
  - Submit your tick to your Clinic staff; they will fill out the paperwork and submit the tick to MilTICK for you. Clinic staff will contact you with the results of the tick testing.

- I have a tick at home.
  - Follow the instructions in your tick kit; fill out the Tick Submission form including Installation Sample # for tracking purposes (Ex: 2020-01). Put your tick in the plastic vial, and seal it in the plastic bag.
  - Include the USDA permit and mail your kit in the pre-addressed envelope.
  - Ensure sufficient postage has been applied.

**I do not have a tick kit.**

- Print out the below Tick Submission Form and USDA Permit; fill out Page 1 of the Tick Submission Form, including Installation Sample # for tracking purposes (Ex: 2020-01).
  - Seal your tick in two re-sealable plastic bags.
  - Mail your tick, the completed submission form, and the USDA permit in a padded envelope to:
    - Tick-Borne Disease Lab
    - Army Public Health Center
    - 8638 40th St., BLDG E5800
    - Aberdeen Proving Ground, MD 21010-5403
  - Ensure sufficient postage has been applied.

The individual will be notified by phone or email once the tick has been received and identified. Results of testing will be reported by phone or email within 2 weeks after the tick has been received.

Contact the MilTICK team with questions or to order Tick Kits:

Phone: (410) 436-5425 or Email usarmy.apg.medcom-aphc.mbx.tickcom@mail.mil

Visit the CAC-enabled data dashboard at https://carepoint.health.mil/sites/ENTO/miltick

Visit the MilTICK website at https://phc.amedd.army.mil/topics/envirohealth/epm/Pages/HumanTickTestKitProgram.aspx
ARMY PUBLIC HEALTH CENTER
MIITICK - MILITARY TICK IDENTIFICATION/INFECTION CONFIRMATION KIT

SUBMISSION OF TICK SPECIMENS FROM HUMAN TICK BITE PATIENTS

SUBMITTING INSTALLATION (MAILING ADDRESS):

_____________________________________________
_____________________________________________
_____________________________________________
_____________________________________________

POC NAME: ________________________________
POC PHONE: COM ___________________________ DSN ___________________________
POC EMAIL: _______________________________

SAMPLE IDENTIFICATION NO. (DO NOT USE PATIENT NAME OR SSN) _______________________________

PATIENT INFORMATION

SERVICE ASSOCIATION (Circle one):

ARMY
NAVY
AIR FORCE
MARINES

STATUS (Circle):

ACTIVE DUTY
NAT’L GUARD
RETIRED
RESERVES
DEPENDENT
CIVILIAN
OTHER _______________________

AGE ________ SEX: M F

TICK-BITE INFORMATION

WHERE WAS TICK-BITE ACQUIRED?

ON-POST? (Give the name of the installation):

_____________________________________________

OFF-POST? (Enter the following information, if known):

CITY__________________________________________
COUNTY________________________________________
STATE________________________________________

UNKNOWN (Circle if you do not know where the tick-bite was acquired)

DATE OF TICK REMOVAL ________________________ UNKNOWN
month/day/year

WAS THIS AN OCCUPATIONAL EXPOSURE? YES NO

WAS A FIELD UNIFORM WORN? YES NO

WAS A PERMETHRIN-TREATED UNIFORM WORN? YES NO

REMARKS:

_____________________________________________
_____________________________________________
_____________________________________________
### TICK IDENTIFICATION

<table>
<thead>
<tr>
<th>Species</th>
<th>Sex &amp; Stage</th>
<th>Engorgement</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Adult M/F</td>
<td>Nymph</td>
<td>Flat</td>
</tr>
<tr>
<td><em>Amblyomma americanum</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>lone star tick</td>
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<td></td>
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<tr>
<td><em>Dermacentor variabilis</em></td>
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<tr>
<td>American dog tick</td>
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<tr>
<td><em>Ixodes scapularis</em></td>
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<td></td>
<td></td>
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<tr>
<td>blacklegged tick (a.k.a. deer tick)</td>
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<tr>
<td><strong>Other:</strong></td>
<td></td>
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</tbody>
</table>

### THIS TICK WAS TESTED FOR:

<table>
<thead>
<tr>
<th>Disease</th>
<th>Pos</th>
<th>Neg</th>
<th>REMARKS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Babesiosis (BAB)</td>
<td></td>
<td></td>
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<tr>
<td><em>Babesia microti</em></td>
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<tr>
<td>Human granulocytic anaplasmosis (HGA)</td>
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<tr>
<td><em>Anaplasma phagocytophilum</em></td>
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<tr>
<td>Lyme disease (LD)</td>
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<tr>
<td><em>Borrelia burgdorferi</em></td>
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<tr>
<td>Powassan virus disease (POWV)</td>
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<tr>
<td><em>Ehrlichia ewingii</em></td>
<td></td>
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<tr>
<td>ehrlichiosis (EE)</td>
<td></td>
<td></td>
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<tr>
<td>Human monocytic ehrlichiosis (HME)</td>
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<td></td>
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<tr>
<td><em>Ehrlichia chaffeensis</em></td>
<td></td>
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<tr>
<td>Panola Mountain ehrlichiosis (PME)</td>
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<tr>
<td>Rocky Mountain spotted fever (RMSF)</td>
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<tr>
<td><em>Rickettsia rickettsii</em></td>
<td></td>
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<tr>
<td><strong>Other:</strong></td>
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</table>

**REVIEWED BY:**

ROBYN NADOLNY, PhD  
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