Accutix™

TEST MENU

POLYMERASE CHAIN REACTION (PCR)

BORRELIA SPECIES PCR
DNA detection of *Borrelia* species by PCR in whole blood, cerebral spinal fluid or synovial fluid. If *Borrelia* species DNA is detected, then PCR is performed for the identification of *B. miyamotoi* and *B. burgdorferi* DNA.

BABESIA MICROTI PCR
DNA detection of *B. microti* in whole blood specimens.

ANAPLASMA PHAGOCYTOPHILUM PCR
DNA detection of *A. phagocytophilum* in whole blood specimens.

EHRLICHIA CHAFFEENSIS PCR
DNA detection of *E. chaffeensis* in whole blood specimens.

CONTACT OXFORD IMMUNOTEC:

Phone: 1-877-598-2522
Email: info@oxfordimmunotec.com
Web: www.AccutixDx.com

RESULTS AVAILABLE
24-48 HOURS AFTER
RECEIPT OF SPECIMEN

SEROLOGY

LYME ANTIBODY ANALYSIS (*B. burgdorferi*)
Serum, plasma and synovial fluid specimens are tested by Lyme antibody capture (IgM, IgG and IgA) EIA and two IgG Western blots* for detection of antibodies to *B. burgdorferi*.

LYME WESTERN BLOT (IgG)
Serum, plasma and synovial fluid specimens are tested by two IgG Western blots* for detection of antibodies to *B. burgdorferi*.

LYME CSF AND SERUM RATIO ANALYSIS
Cerebral spinal fluid (CSF) and serum specimens must be drawn on the same date and are tested by antibody capture (IgM, IgG, and IgA) EIA for detection of antibodies to *B. burgdorferi*. Results include a CSF:serum antibody ratio for each antibody isotype and two IgG Western blots* on serum specimens.

BORRELIA MIYAMOTOI ANTIBODY ANALYSIS
Serum or plasma specimens are tested for IgM and IgG antibodies to *B. miyamotoi* by indirect ELISA utilizing proprietary recombinant fusion-product antigens.

BABESIA MICROTI ANTIBODY ANALYSIS
Serum or plasma specimens are tested for IgG antibodies to *B. microti* by indirect immunofluorescence (IFA) and IgM and IgG antibodies to native *B. microti* proteins by Western blots.

ANAPLASMA PHAGOCYTOPHILUM ANTIBODY ANALYSIS
Serum or plasma specimens are tested for IgM and IgG antibodies to *A. phagocytophilum* by indirect ELISA utilizing proprietary recombinant fusion-product antigens.

EHRLICHIA CHAFFEENSIS ANTIBODY ANALYSIS
Serum or plasma specimens are tested for IgG antibodies to *E. chaffeensis* by indirect immunofluorescence (IFA).

TULAREMIA ANTIBODY ANALYSIS (*FRANCISELLA TULARENSIS*)
Serum or plasma specimens are tested for antibodies (polyvalent) to *F. tularensis* by microagglutination.

RICKETTSIA ANTIBODY ANALYSIS
Serum specimens are tested for IgM and IgG antibodies to Spotted Fever and Typhus Fever group *Rickettsia* by indirect immunofluorescence (IFA).

Note: Some tests may not be orderable in every state. Contact info@oxfordimmunotec.com or call 1-877-598-2522 for test availability

**Borrelia burgdorferi* strains G39/40 and 49736

TICK-BORNE INFECTION ANALYSIS:

Regional offerings reflect disease epidemiology

EDTA WHOLE BLOOD ONLY

Accutix™ Coastal Northeast/Upper Mid-West

- *Borrelia* Species PCR†
- *Babesia microti* PCR
- *Anaplasma phagocytophilum* PCR
- *Ehrlichia chaffeensis* PCR
- Antibody capture (IgM, IgG and IgA) EIA for detection of antibodies to *B. burgdorferi*

Accutix Coastal Northeast/Upper Mid-West PCR Screen

- *Borrelia* Species PCR†
- *Babesia microti* PCR
- *Anaplasma phagocytophilum* PCR
- *Ehrlichia chaffeensis* PCR

Accutix Upper Northeast

- *Borrelia* Species PCR†
- *Babesia microti* PCR
- *Anaplasma phagocytophilum* PCR
- Antibody capture (IgM, IgG and IgA) EIA for detection of antibodies to *B. burgdorferi*

Accutix Upper Northeast PCR Screen

- *Borrelia* Species PCR†
- *Babesia microti* PCR
- *Anaplasma phagocytophilum* PCR

Accutix Southeast

- *Borrelia* Species PCR†
- *Ehrlichia chaffeensis* PCR
- Antibody capture (IgM, IgG and IgA) EIA for detection of antibodies to *B. burgdorferi*

Accutix Southeast PCR Screen

- *Borrelia* Species PCR†
- *Ehrlichia chaffeensis* PCR

† If *Borrelia* species DNA is detected, then PCR for the identification of *B. miyamotoi* and *B. burgdorferi* DNA is performed

Accutix™

Oxford Immunotec

PCR is performed pursuant to an agreement with Roche Molecular Systems, Inc.

Imugen is Clinical Laboratory Improvement Amendments (CLIA)-certified and College of American Pathologists (CAP)-accredited to perform high complexity clinical laboratory testing.

It is the laboratory's policy to ensure providers are able to order only those tests that are medically necessary for the individual patient and to ensure the convenience of ordering a comprehensive analysis does not impact a provider's ability to order only medically necessary testing. While the value of this convenience is recognized, indiscriminate use of comprehensive analyses may result in the ordering of tests that are not medically necessary. Therefore, all tests included in a comprehensive analysis can be ordered individually. If a component test is not listed individually on the requisition form, it may be written in the "Other Accutix Tests" field. Providers are encouraged to order individual tests when all of the tests included in a comprehensive analysis are not medically necessary for the individual patient.

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