

TISSUE HISTOPATHOLOGY - WARTHIN STARRY SILVER STAIN for detection of *Borrelia burgdorferi* and related *Borrelia* species

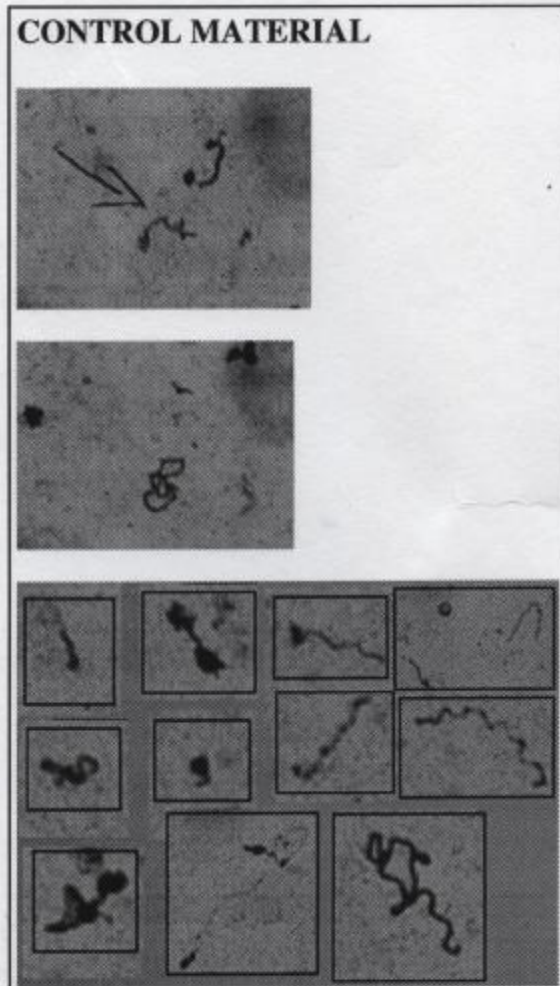
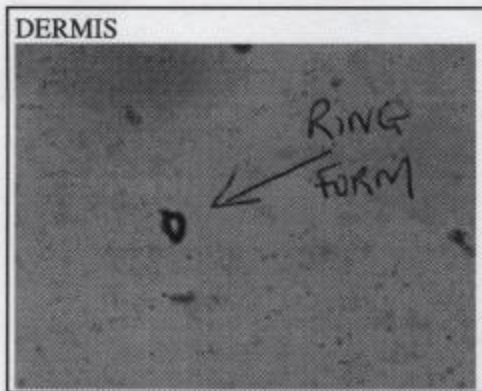
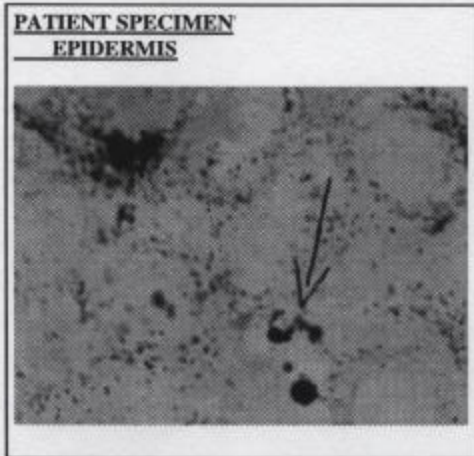
PATIENT NAME: demonstration case

Reference laboratory: **North American Clinical Laboratories BBI**

Client Number: physician name

SPECIMEN IDENTIFICATION/ CLINICAL HISTORY :: NONE PROVIDED

DIAGNOSIS: **POSITIVE RESULTS, SPIROCHETES IDENTIFIED IN TISSUE SUBMITTED, CONSISTENT WITH *Borrelia burgdorferi***



PATHOLOGIST: _____

DATE OF REPORT: _____

ALAN B. MACDONALD, M.D.

COMMENTS: epidermis contains rare spirochetal forms,
dermis contains a ring form spirochetal profile

All controls acceptable

CONTROLS: *B. burgdorferi* obtained from the American Type Culture collection, (ATCC 35210)
(Isolate B31, contributor A.G. Barbour, MD)

Tissue Examination: Slides cut at 5 levels, all stained with Warthin Starry method

Reference: "Lyme disease is a spirochetosis", American Journal of Dermatopathology

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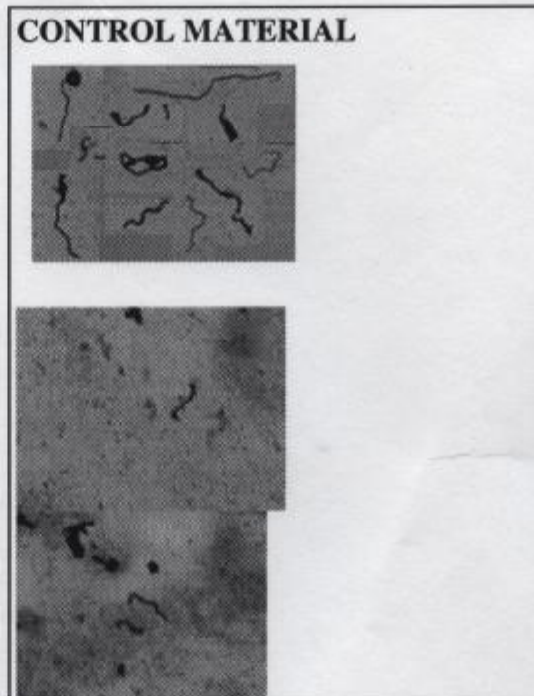
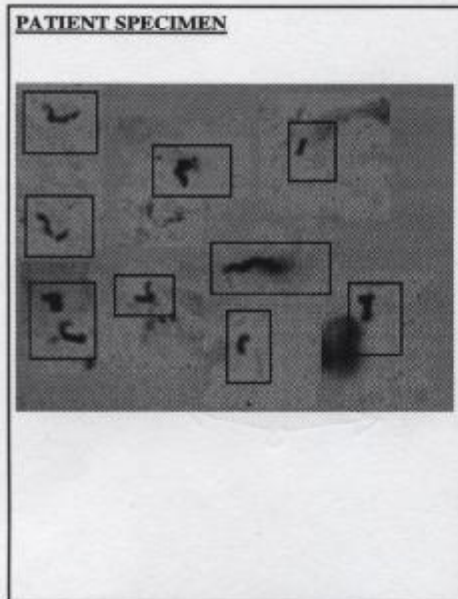
PATIENT NAME: demonstration case

Reference laboratory: **North American Clinical Laboratories BBI**

Client Number:

SPECIMEN IDENTIFICATION/ CLINICAL HISTORY :: TISSUE

DIAGNOSIS: POSITIVE RESULTS, SPIROCHETES IDENTIFIED IN TISSUE SUBMITTED, MORPHOLOGY IS CONSISTENT WITH *Borrelia burgdorferi*



PATHOLOGIST: _____ **DATE OF REPORT:** _____

ALAN B. MACDONALD, M.D.

COMMENTS: tissue submitted shows a very large number of fragmented spirochetes, most as very short segments, without an inflammatory response.

ALL CONTROLS ACCEPTABLE.

CONTROLS: *B. burgdorferi* obtained from the American Type Culture collection, (ATCC 35210)
(Isolate B31, contributor A.G. Barbour, MD)

Tissue Examination : Slides cut at 5 levels, all stained with Warthin Starry method

Reference: "Lyme disease is a spirochetosis", American Journal of Dermatopathology, 1983

Test performed at Franklin Hospital Medical Center, Valley Stream, NY 11580

PATIENT NAME:

ACCESSION NUMBER:

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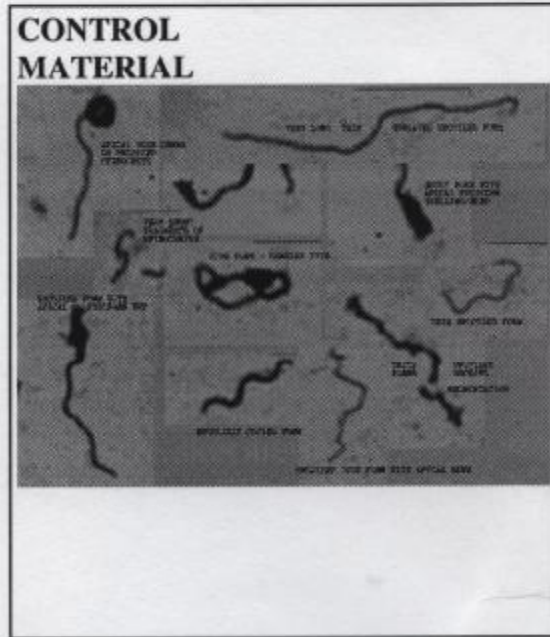
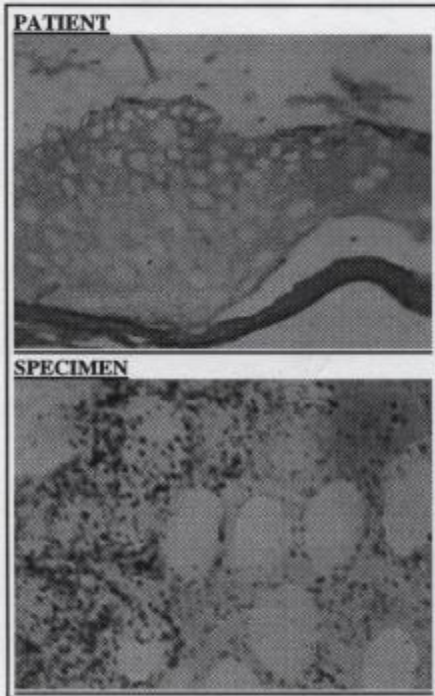
PATIENT NAME: DEMONSTRATION CASE - NEGATIVE RESULT- SKIN

Reference laboratory: **North American Clinical Laboratories BBI**

Client Number: **MEDICAL CLINICS**

SPECIMEN IDENTIFICATION/ CLINICAL HISTORY :: SKIN BIOPSY

DIAGNOSIS: NEGATIVE RESULTS, SEE COMMENT



PATHOLOGIST: _____ **DATE OF REPORT:** _____

ALAN B. MACDONALD, M.D.

COMMENTS: NO SPIROCHETES ARE FOUND IN THE EPIDERMIS, INSPECTION OF DERMIS LIMITED BY ZONES OF EXCESS STAINING. SKIN BIOPSY REMARKABLE FOR HYPERKERATOSIS, WHICH IS NOT A USUAL COLLATERAL FINDING IN LYME RELATED DERMATITIS.

CONTROLS: *B. burgdorferi* obtained from the American Type Culture collection, (ATCC 35210) (Isolate B31 , contributor A.G. Barbour, MD)

Tissue Examination : Slides cut at 5 levels , all stained with Warthin Starry method

Reference: "Lyme disease is a spirochetosis" , American Journal of Dermatopathology, 1983

Test performed at Franklin Hospital Medical Center, Valley Stream, NY 11580

PATIENT NAME: UNKNOWN PERSON ACCESSION NUMBER: 999999