

TEST OBSOLETE

NOTIFICATION DATE: September 2, 2009

EFFECTIVE DATE: Immediately

***BABESIA MICROTI* IGG ANTIBODIES, SERUM
#81128**

EXPLANATION: Due to reagent availability issues, this test is obsolete immediately. Specimens received for unit code #81128 will be changed to #91608, Babesia Microti Antibodies, IgG and IgM, and forwarded to Focus Diagnostics, Inc.

RECOMMENDED ALTERNATIVE TEST: #91608, Babesia Microti Antibodies, IgG and IgM

USEFUL FOR: Elevated antibody levels to *B. microti* indicate exposure to the organism.

NOTE: Definitive diagnosis is made by identifying the intraerythrocytic organisms in peripheral blood, #9240, Babesia/Malaria Smear. Also available, #81147, *Babesia microti* DNA Detection by Rapid PCR, Blood

METHODOLOGY: Immunofluorescence Assay (IFA)

Reference Values: IgG < 1:16
IgM < 1:20

SPECIMEN REQUIREMENTS: Draw blood in a plain, red-top tube(s). Spin down and send 1 mL of serum refrigerated (Plasma is NOT acceptable).

LIST FEE: \$55.00

CPT CODE: 86753 X 2

ANALYTIC TIME: 1-4 days

DAY(S) SET-UP: Monday through Friday

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager
Kim Baker, Mayo Medical Laboratories' Technologist Support
Telephone: 800-533-1710



TEST DEFINITION

11/12/2008

MML Name/order code cross-reference

Code	Name
91608	Babesia Microti IgG and IgM Ab Pnl

MML MML Test setup information

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
91608	5/16/2006		Babesia Microti IgG and IgM Ab Pnl			
			UNIT CODE ALWAYS MESSAGE - [ZFOCUSD]			
			Test Performed by: Focus Diagnostics, Inc.			
			5785 Corporate Avenue			
			Cypress, CA 90630-4750			
			Transport temp : Refrig\Frozen OK\Ambient <4 days OK			
			91608	Babesia Microti IgG		
			24553	Babesia Microti IgM		
			24554	Interpretation		

MML Messages used as normals

CODE	TEXT
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Total of 0 normals codes

*** End of Report ***

Patient Name TESTING,91608	Patient ID	Age	Gender	Order # W2491900
Ordering Phys		DOB		
Client Order # W2491900	Account Information C7999998-STUSTEST 200 FIRST STREET SW ROCHESTER, MN 55901 (507)266-5730	Report Notes		
Collected 09/02/2009 06:00				
Printed 09/02/2009 13:17				

Test	Flag	Results	Unit	Reference Value	Perform Site*
Babesia Microti IgG and IgM Ab Pnl				REPORTED 09/02/2009 12:30	
Babesia Microti IgG		<1:16			
Babesia Microti IgM		<1:20			
Interpretation		(NOTE)			
ANTIBODY NOT DETECTED					

REFERENCE RANGES: IgG <1:16
IgM <1:20

Elevated antibody levels to B. microti indicate exposure to the organism. Human babesiosis infection is transmitted by the bite of an infected Ixodes tick or less frequently from transfusion with blood from an infected donor. Definitive diagnosis is made by identifying intraerythrocytic organisms in peripheral blood. In patients with low parasitemia, antibody detection by IFA is recommended. IgG levels greater than or equal to 1:1024 can be detected in acute phase patients with parasites in blood smears. The IFA assay can be used as a seroepidemiologic tool to study the frequency and distribution of B. microti in endemic areas especially in persons with mixed infections also involving Borrelia burgdorferi.

This test was developed and its performance characteristics have been determined by Focus Diagnostics. It has not been cleared or approved by the U.S. Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary. Performance characteristics refer to the analytical performance of the test.

Test Performed by: Focus Diagnostics, Inc.
5785 Corporate Avenue
Cypress, CA 90630-4750

Medical Director, Alfred Lui, MD

Patient Name TESTING,91608	Collection Date and Time 09/02/2009 06:00	Report Status Final
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* Report times for Mayo performed tests are CST/CDT