MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,FFAPL	SA00052485	46	M	SA00052485
Ordering Phys CLIENT,CLIENT				**DOB** 05/25/1966
Client Order # SA00052485	**Account Information**			**Report Notes**
Collected 01/07/2013 09:40	C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901			
Printed 01/10/2013 14:29				

Test	Flag	Results	Unit	Reference Value	Perform Site*
			REPORTED 01/07/2013 16:25		
Brucella Agglutination	H	1:80			Y038

REFERENCE RANGE: <1:80

The most reliable serologic indicator of brucellosis is a four-fold increase in antibody titer when testing acute and convalescent sera in parallel. In the absence of paired sera, a single specimen titer of 1:80 or greater is consistent with brucellosis in a patient with a compatible clinical history.

This test was developed and its performance characteristics have been determined by Focus Diagnostics. Performance characteristics refer to the analytical performance of the test.

Febrile Antibodies Panel			REPORTED 01/07/2013 14:47		
RMSF IgG	AB	DETECTED			Y038
RMSF IgM	AB	DETECTED			Y038
REFERENCE RANGE: NOT DETECTED					
R. Typhi IgG	AB	DETECTED			Y038
R. Typhi IgM	AB	DETECTED			Y038
REFERENCE RANGE: NOT DETECTED					
Salmonella H, Type a	AB	POSITIVE			Y038
Salmonella H, Type b	AB	POSITIVE			Y038
Salmonella H, Type d	AB	POSITIVE			Y038
Salmonella O, Type Vi	AB	POSITIVE			Y038
Salmonella O, Type D	AB	POSITIVE			Y038

REFERENCE RANGE: NEGATIVE

Antibodies to Salmonella flagellar (H) and somatic (O) antigens typically peak 3-5 weeks after infection. A positive result in this assay is

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Test	Flag	Results	Unit	Reference Value	Perform Site*
equivalent to a titer of >=1:160 by tube agglutination (Widal). Results should not be considered as diagnostic unless confirmed by culture.					
Brucella IgG	H	1.10			Y038
Brucella IgM	H	1.10			Y038
Due to the positive IgM result, the Brucella Antibody, Agglutination confirmatory assay will be performed.					
REFERENCE RANGE: <0.80					
INTERPRETIVE CRITERIA: <0.80 Antibody not detected 0.80 - 1.09 Equivocal > or = 1.10 Antibody detected					
Acute brucellosis is characterized by the appearance of Brucella-specific IgM within the first week of infection, followed by the appearance of Brucella-specific IgG after the second week. Levels of both IgM and IgG decline slowly over several months in conjunction with recovery. Persistence of high IgG levels with declining or absent IgM suggests chronic infection or relapse.					
			REPORTED 01/07/2013 15:27		
RMSF IgG Titer	H	1:64			Y038
REFERENCE RANGE: <1:64					
			REPORTED 01/07/2013 15:27		
RMSF IgM Titer	H	1:64			Y038
REFERENCE RANGE: <1:64					
			REPORTED 01/07/2013 15:27		
R. Typhi IgG Titer	H	1:64			Y038
REFERENCE RANGE: <1:64					
			REPORTED 01/07/2013 15:27		

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R. Typhi IgM Titer	H	1:64			Y038
REFERENCE RANGE: <1:64					

* Performing Site:

Y038	Focus Diagnostics, Inc. 5785 Corporate Avenue Cypress, CA 90630-4750	Lab Director:

Patient Name	Collection Date and Time	Report Status
SAMPLEREPORT,FFAPL	01/07/2013 09:40	Final
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