MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,FRDP	SA00052601	46	M	SA00052601
Ordering Phys CLIENT,CLIENT				**DOB** 05/25/1966
Client Order # SA00052601	**Account Information**			**Report Notes**
Collected 01/08/2013	C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901			
Printed 01/10/2013 14:22				

Test	Flag	Results	Unit	Reference Value	Perform Site*
Rickettsial Disease Panel			REPORTED 01/09/2013 16:25		
R. Typhi IgG/IgM Reflex to Titers					
R. Typhi IgG		NOT DETECTED			Y038
R. Typhi IgM		NOT DETECTED			Y038
REFERENCE RANGE: NOT DETECTED					
RMSF IgG/IgM Reflex to Titers					
RMSF IgG		NOT DETECTED			Y038
RMSF IgM		NOT DETECTED			Y038
REFERENCE RANGE: NOT DETECTED					
Q Fever IgG Phase I Screen		NEGATIVE			Y038

Q Fever Antibody testing includes differentiation of antibodies to Phase I and Phase II antigenic variants. Coxiella burnetii, which causes Q Fever, undergoes transitions between Phase I and Phase II states. These phases are serologically distinguishable and useful in the serodiagnosis of acute and chronic disease.
In some cases, the ratio of titer of phase II to phase I may indicate the stage of the disease.
A ratio of greater than 1 may indicate the acute stage; greater than or equal to 1, granulomatous hepatitis; and less than 1, the chronic stage or endocarditis.
As with other infectious diseases, IgM antibodies are the first to appear. Usually they are detectable for a few weeks or, at the most, for a few months. IgG antibodies appear somewhat later but can persist for years, even for life.
Although single phase II IgG titers of 1:256 or greater are considered evidence of acute C. burnetii disease, the best criterion for a dependable diagnosis is still the demonstration of a fourfold or higher increase in antibody titer between the acute and convalescent serum samples.
REFERENCE RANGE: NEGATIVE

Q Fever IgG Phase II Screen		NEGATIVE			Y038
REFERENCE RANGE: NEGATIVE					

Performing Site Legend on Last Page of Report

* Report times for Mayo performed tests are CST/CDT

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Test	Flag	Results	Unit	Reference Value	Perform Site*
Q Fever IgM Phase I Screen		NEGATIVE			Y038
REFERENCE RANGE: NEGATIVE					
Q Fever IgM Phase II Screen		NEGATIVE			Y038
REFERENCE RANGE: NEGATIVE					

* Performing Site:

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

Patient Name	Collection Date and Time	Report Status
SAMPLEREPORT,FRDP	01/08/2013	Final
Page 2 of 2		** End of Report **

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