

Name	: DUMMY	Collected	: 29/8/2017 12:00:00AM
Lab No.	: 135091656	Received	: 29/8/2017 10:02:30AM
Age	: 35 Years	Reported	: 29/8/2017 10:54:01AM
Gender	: Male	Report Status	: Final
A/c Status	: P	Ref By	: Dr. UNKNWON

Test Name	Results	Units	Bio. Ref. Interval
FEBRILE AGGLUTININS PANEL			
WEIL FELIX TEST, SERUM (Latex Agglutination)			
Proteus Antigen OX 19	Non - Reactive	Titre	
Proteus Antigen OX 2	Non - Reactive	Titre	
Proteus Antigen OX K	Non - Reactive	Titre	

Note

1. Titer of 1:160 is strongly suggestive of Rickettsial infection
2. High levels of antibodies may be seen in patients with previous residual infection

Comments

This is a useful assay for the diagnosis of Rickettsial diseases in which sera are tested for agglutinins to 'O' antigens of Proteus strains OX 19, 2 & K. Rickettsiae are fastidious bacterial organisms that are maintained in nature through a cycle involving reservoirs in mammals and insect vectors. The antibody appears rapidly during the course of the disease, reaches a high titer by the second week & declines rapidly during convalescence. A four fold rise in titer is diagnostic of Rickettsial infection.

TYPE OF RICKETTSIA	OX 19	OX 2	OX K
Typhus group Rickettsia	+	-	-
Scrub Typhus group Rickettsia	-	-	+
Spotted fever group Rickettsia	+	+	-

BRUCELLA ANTIBODY; BRUCELLA AGGLUTINATION TEST,SERUM (Tube Agglutination)	
Brucella abortus Antibody	Non Reactive
Brucella melitensis Antibody	Non Reactive

- Note**
1. A rising titer is of diagnostic significance.
 2. False negative results are rare, however false positive results are seen in cholera, or after



Name	: DUMMY	Collected	: 29/8/2017 12:00:00AM
Lab No.	: 135091656	Age: 35 Years	Gender: Male
A/c Status	: P	Ref By : Dr. UNKNWON	Report Status : Final
		Received	: 29/8/2017 10:02:30AM
		Reported	: 29/8/2017 10:54:01AM

Test Name	Results	Units	Bio. Ref. Interval
Brucellin skin test.			

Comments

Brucellosis can present as both acute and chronic infections. The acute form presents as fevers whereas the chronic form can mimic Miliary Tuberculosis. Brucella species were the first biological agent to be weaponized by USA in its biological warfare program. This assay detects antibodies to Brucella abortus & Brucella melitensis. The antibodies rise during second to third week of illness and 90% of patients have titers of > 1:160. These antibodies may remain positive even after the infection has been cured.

WIDAL TEST, SERUM	
(Slide Agglutination)	
Salmonella typhi O (TO)	Non Reactive
Salmonella typhi H (TH)	Non Reactive
Salmonella paratyphi A, H (AH)	Non Reactive
Salmonella paratyphi B, H (BH)	Non Reactive

- Note:
1. Titres 1:80 and above of "O" antigen & 1:160 and above of "H" antigen are significant
 2. Rising titres are significant
 3. The recommended Widal test is by Tube Agglutination Method

Comments

This test measures somatic O and flagellar H antibodies against Typhoid and Paratyphoid bacilli. The agglutinins usually appear at the end of the first week of infection and increase steadily till third / fourth week after which the decline starts. A positive Widal test may occur because of typhoid vaccination or previous typhoid infection and in certain autoimmune diseases. Non specific febrile disease may cause this titre to increase (anamnestic reaction). The test may be falsely negative in cases of Enteric fever treated with antibiotics in the early stages. The recommended test specially in the first week after infection is Blood Culture.



LPL - LPL-ROHINI (NATIONAL REFERENCE
LAB)
SECTOR - 18, BLOCK -E ROHINI
DELHI 110085

Name	: DUMMY	Collected	: 29/8/2017 12:00:00AM
Lab No.	: 135091656	Age: 35 Years	Gender: Male
A/c Status	: P	Ref By : Dr. UNKNWON	Report Status : Final
		Received	: 29/8/2017 10:02:30AM
		Reported	: 29/8/2017 10:54:01AM

Test Name Results Units Bio. Ref. Interval

Shalabh Malik

Dr. Shalabh Malik
MD (Microbiology)
National Head - Microbiology &
Serology

-----End of report-----

Dr Lal Path Labs

