

Patient Name : Mr MR.DUMMY

DOB/Age/Gender : 23 Y/Male

Patient ID / UHID : 8051878/RCL7248492

Referred By : Dr. X

Sample Type : Serum

Sample Collected : Apr 26, 2024, 01:00 PM

Report Date : May 25, 2024, 02:36 PM.

Barcode No : SI485234

Report Status : Final Report

Test Description	Value(s)	Unit(s)	Reference Range
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WIDAL By Slide Agglutination

Salmonella typhi O (TO)	1:20	Titre	< 1:80
Salmonella typhi H (TH)	1:20	Titre	< 1:160
Salmonella paratyphi A(H)	1:20	Titre	< 1:80
Salmonella Paratyphi B(H)	1:20	Titre	< 1:80

Interpretation:**METHOD**-(Slide Agglutination)

1. Titres >1:80 of "O" antigen & >1:160 of "H" antigen for Salmonella typhi and titres >1:80 of "H" antigen for Salmonella paratyphi A & B are reactive.
2. Rising titres in paired samples taken 7-10 days apart are more significant than a single test.
3. Reactive results indicates ongoing or recent infection by Salmonella spp. and the diagnosis should be confirmed by gold standard test such as Blood culture.
4. The reactivity will vary with stage of the disease with appearance in 1st week to increase in titres till end of 4th week post which it starts decreasing.
5. In TAB vaccinated patients, high titres of H antibody of $\geq 1:160$ to each of Salmonellae is observed. They tend to persist for many months and even years while O antibody shows lower titres and disappears within 6 months.
6. Antibiotic treatment during 1st week before the appearance of antibodies tend to suppress the immune response in the form of no or decreasing antibody levels.
7. False positive results/anamnestic response may be seen in patients with past enteric infection and during unrelated fevers like Malaria, Influenzae etc. in the form of transient rise in H antibody in Widal test.
8. False negative results may be due to processing of sample collected early in the course of disease (1st week) and immunosuppression.
9. Test conducted on serum.

Uses

- To diagnose infection due to Salmonella spp. (Enteric fever).
- To monitor the progression of disease.
- To assess the response to therapy (decreasing titres) in patients being treated for Enteric fever

*** End Of Report ***

Disclaimer: Method given in report are only indicative and can be changed depending upon type of machine and kit available at time of testing.

Not all tests at all locations are under NABL scope. Availability of tests under NABL scope varies from lab to lab.



Booking Centre :- DEMO PARTNER CHENNAI, DEMO PARTNER CHENNAI
Processing Lab :-

 928-909-0609 ccsupport@redcliffelabs.com www.redcliffelabs.com

All Lab results are subject to clinical interpretation by qualified medical professional and this report is not subject to use for any medico-legal purpose.


Dr. Dummy

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