

Name	: Santosh	Age	: 20 Years
Lab No.	: 530240956	Gender	: Male
Ref By	: Self	Reported	: 08/09/2026 6:51:20PM
Collected	: 08/09/2026 4:48:00PM	Report Status	: Final
A/c Status	: P	Processed at	: L94 - Dr. Lal Path Labs Ltd.
Collected at	: L94 - MOTH COLLECTION CENTRE 11, SAVITRI, MOTH, CHOWRAHA MOTH		: Kanpur Road, Jhansi U.P-284128

Test Report

Test Name	Results	Bio. Ref. Interval
WIDAL SLIDE AGGLUTINATION TEST, SERUM (Slide Agglutination)		
Salmonella typhi O (TO)	Non Reactive	Non-Reactive
Salmonella typhi H (TH)	Non Reactive	Non-Reactive
Salmonella paratyphi A H (AH)	Non Reactive	Non-Reactive
Salmonella paratyphi B H (BH)	Non Reactive	Non-Reactive

Interpretation

RESULT	REMARKS
Reactive	Indicates presence of IgM & IgG antibodies against Salmonella spp.
Non-Reactive	Indicates absence of IgM & IgG. antibodies against Salmomella spp.

Note:

1. Titres $\geq 1:80$ of "O" antigen & $\geq 1:160$ of "H" antigen for Salmonella typhi and titres $\geq 1:80$ of "H" antigen for Salmonella paratyphi A & B are significant.
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 prior to start of antibiotics.
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 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).

