



**Yash M. Patel**

Age : 21 Years

Sex : Male

PID : 555



**Sample Collected At:**

125, Shivam Bungalow, S G Road,  
Mumbai

Ref. By: **Dr. Hiren Shah**



Registered on: 02:31 PM 02 Dec, 2X

Collected on: 03:11 PM 02 Dec, 2X

Reported on: 04:35 PM 02 Dec, 2X

## WIDAL SLIDE AGGLUTINATION TEST

Primary Sample Type	: Serum
Salmonella typhi O (TO)	: Pass
Salmonella typhi H (TH)	: Reactive upto Titre 1:160
Salmonella paratyphi A, H (AH)	: Reactive upto Titre 1:320
Salmonella paratyphi B, H (BH)	: Reactive upto Titre >1:320

### Interpretation:

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

**Note:** 1. Titres 1:80 and above of the "O" antigen & 1:160 and above of the "H" antigen are significant.  
2. Rising titers 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 the 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. The nonspecific febrile disease may cause this titer 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 especially in the first week after infection is Blood Culture.

Thanks for Reference

\*\*\*\*End of Report\*\*\*\*

**Medical Lab Technician**  
(DMLT, BMLT)

**Dr. Payal Shah**  
(MD, Pathologist)

**Dr. Vimal Shah**  
(MD, Pathologist)

