



Name : PRAKSH SINGH **Age / Sex** 56 Month Male **Billing Date** : 20-Jul-2023
Address : **Sample Received on** : 20-Jul-2023
Report No. : DRP/HEA/23-24/48 **Report Released on** : 20-Jul-2023
Ref Doctor : Dr. A.D. SHARMA
Investigation : WIDAL



WIDAL TEST

| TEST DESCRIPTION | RESULT | | UNITS | | REFERENCES RANGES |
|------------------|--------|------|-------|-------|-------------------|
| ANTIGEN // DIL-> | 1/20 | 1/40 | 1/80 | 1/160 | 1/320 |
| S TYPHI (O) | + | + | + | + | + |
| S TYPHI (H) | + | + | + | + | + |
| S PARATYPHI (AH) | + | + | + | + | + |
| S PARATYPHI (BH) | + | + | + | + | + |

INTERPRETATION Negative (-)

A positive Widal test may occur because of typhoid vaccination or previous typhoid infection and in certain autoimmune diseases. Nonspecific 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 especially in the first week after infection is Blood Culture.

NOTE:-

1. Titre 1:80 or more are significant.
2. Demonstration of rising titre is significant
3. A negative test becoming positive is diagnostic.
4. Chloramphenicol halts the production of antibody.
5. The somatic or O antigens can occur in organisms other than salmonellae.

Negative in 1:20 dil.

METHOD - Slide Agglutination

COMMENT:-

The salmonella typhi causes enteric fever or typhoid fever which is characterised by very high consistent fever, loss of appetite, transitory bacteraemia, round or oval shaped ulcer on smooth peritoneal surface of Peyer's patches and solitary lymphoid follicle of ileum etc. Paratyphoid fever is caused by salmonella paratyphi A and salmonella paratyphi B is characterised by milder course of disease. 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.

**** End of Report ****



Dear Doctor! Thanks for Referring
In case of doubt, repeat immediately

Dr. M.A. Sarvar
 DMLT (New Delhi)

Dr. J.A. Ansari
 BSC, MBBS

Dr. A.K. Singh
 MBBS, MD (Path)

Above Impression is not final diagnosis, Please correlate clinically, If discrepancy please send patient for review (Free)
Not valid for medico legal purpose. (Please intimate for any typing for mistake within 3days if not, Center is not responsible.)