



Name : **MR. VIKAS KUMAR RAM**  
Age/Gender : **28YEARS/MALE**  
Sample Type : **SERUM**  
Reff By : **DR.P.GANGA RAM**  
TypedBy : **Md Masud Ansari**

Bill Number : **M6189**  
Bill Date : **01-Sep-2024 02:17 PM**  
Sample Collection : **01-Sep-2024 02:33 PM**  
Sample Received : **01-Sep-2024 02:33 PM**  
Reporting Date : **01-Sep-2024 04:50 PM**

### WIDAL

#### INVESTIGATION

#### RESULT

SALMONELLA TYPHI' O '	1 in 80 DILUTION
SALMONELLA TYPI ' H '	1 in 80 DILUTION
SALMONELLA PARA TYPHI' AH'	1 in 20 DILUTION
SALMONELLA PARA TYPHI' BH'	1 in 20 DILUTION
BIOLOGICAL REFERENCE	1:80 and above titers considered as positive

Method: SEMI QUANTITAVE SLIDE AGGLUTINATION

#### Interpretation and Remarks:

The Widal test is applied for the diagnosis of enteric fever that includes typhoid and paratyphoid caused by Salmonella? typhi and Salmonella paratyphi respectively.

For the slide agglutination test, stained Salmonella antigens are used to detect the presence of specific agglutinin in the patient's serum.

The slide agglutination test is used as a primary screening procedure.

Widal test measures somatic O and flagellar H antibodies against Typhoid and Paratyphoid bacilli. The Agglutinins appears usually at the end of the first week of infection and increases steadily till third / fourth week after which the decline starts. A positive Widal test may occur because of typhoid vaccination or past typhoid infection and in certain autoimmune diseases. Nonspecific febrile disease may cause titre to increase. The test may be falsely negative in cases of Enteric fever treated with antibiotics in the early stages

Sugessted Clinical Correlation If necesarry Kindly Discuss.

-----End of the Report-----



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Authorized Signatory





LAB INCHARGE