



Name : MR. KOMAL SINGH

Pt. Id

Lab Ref No. : **W416365**

Ref. by : DR.SELF

Age / Sex : 21 Year(s) / Male

Reg. Date : 07/11/2025 11:17

Accession No. : 0

Reported On : 08/11/2025 13:22

NON FASTING

Report Status Final

MICROBIOLOGY

Specimen :

Coll.

SERUM MIC

05/05/2025 17:26: Lab Collection

Test Parameter

Result(s)

Biological Reference Interval (Adult)

Widal Tube test

Salmonella typhi "O" antigen	1:160 Titre	Less than 1:40
Salmonella typhi "H" antigen	1:320 Titre	Less than 1:40
Salmonella paratyphi A "H" antigen	Less than 1:40 (Negative) Titre	Less than 1:40
Salmonella paratyphi B "H" antigen	Less than 1:40 (Negative) Titre	Less than 1:40

Test note

Serological diagnosis is used extensively but has many limitations.
Results must be interpreted with caution.

Problems are –

- Variable positivity in culture proven cases.
- Elevated base line titres in endemic areas.
- Cross reactivity with related antigens from other organisms.
- Effects of prior vaccination.
- False positives in certain diseases especially autoimmune.

Usual diagnostic titres are more than 1:100 of both group specific "O" and one of the species specific "H"

While specific dot assay especially "Ig M" type is more specific, false reactivity still could occur.

BACTEC RAPID AND SENSITIVE BLOOD CULTURE STILL REMAINS THE GOLD STANDARD OF DIAGNOSIS.

----- End Of MICROBIOLOGY Report -----

Chetna Panchal Micro

Dr. Geeti Maheshwari

MD (Micro)

GMC No. G-53012