



MC-2135

Dr. Harsukh Toprani

M.D. (Path & Bact)

GMC No : G-361

Dr. Tushar Toprani

M.D. (Path)

GMC No : G-24070

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 :** SERUM MIC **Coll.** 05/05/2025 17:26: Lab Collection

**Test Parameter**

**Result(s)**

**Biological Reference Interval (Adult)**

**Widal Tube test**

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

**Test note**

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*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 autoimmun.

*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