

Dr. Vinay Chopra
 MD (Pathology & Microbiology)
 Chairman & Consultant Pathologist

Dr. Yugam Chopra
 MD (Pathology)
 CEO & Consultant Pathologist

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|-----------------------|--|--------------------------|------------------------|
| NAME | : Mr. TARSEM SINGH | PATIENT ID | : 1803475 |
| AGE/ GENDER | : 53 YRS/MALE | REG. NO./LAB NO. | : 012503240012 |
| COLLECTED BY | : | REGISTRATION DATE | : 24/Mar/2025 08:41 AM |
| REFERRED BY | : ABHISHEK MITTAL | COLLECTION DATE | : 24/Mar/2025 08:42AM |
| BARCODE NO. | : 01527640 | REPORTING DATE | : 24/Mar/2025 10:33AM |
| CLIENT CODE. | : KOS DIAGNOSTIC LAB | | |
| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAD, AMBALA CANTT | | |

| Test Name | Value | Unit | Biological Reference interval |
|-----------|-------|------|-------------------------------|
|-----------|-------|------|-------------------------------|

CLINICAL CHEMISTRY/BIOCHEMISTRY
GLUCOSE FASTING (F)

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|--|---------------------------|-------|---|
| GLUCOSE FASTING (F): PLASMA by GLUCOSE OXIDASE - PEROXIDASE (GOD-POD) | 137.18^H | mg/dL | NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0 DIABETIC: > OR = 126.0 |
|--|---------------------------|-------|---|

INTERPRETATION

IN ACCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES:

1. A fasting plasma glucose level below 100 mg/dl is considered normal.
2. A fasting plasma glucose level between 100 - 125 mg/dl is considered as glucose intolerant or prediabetic. A fasting and post-prandial blood test (after consumption of 75 gms of glucose) is recommended for all such patients.
3. A fasting plasma glucose level of above 125 mg/dl is highly suggestive of diabetic state. A repeat post-prandial is strongly recommended for all such patients. A fasting plasma glucose level in excess of 125 mg/dl on both occasions is confirmatory for diabetic state.




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IMMUNOPATHOLOGY/SEROLOGY C-REACTIVE PROTEIN (CRP)

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|---|------|------|-----------|
| C-REACTIVE PROTEIN (CRP) QUANTITATIVE: SERUM by NEPHLOMETRY | 5.93 | mg/L | 0.0 - 6.0 |
|---|------|------|-----------|

INTERPRETATION:

1. C-reactive protein (CRP) is one of the most sensitive acute-phase reactants for inflammation.
2. CRP levels can increase dramatically (100-fold or more) after severe trauma, bacterial infection, inflammation, surgery, or neoplastic proliferation.
3. CRP levels (Quantitative) has been used to assess activity of inflammatory disease, to detect infections after surgery, to detect transplant rejection, and to monitor these inflammatory processes.
4. As compared to ESR, CRP shows an earlier rise in inflammatory disorders which begins in 4-6 hrs, the intensity of the rise being higher than ESR and the recovery being earlier than ESR. Unlike ESR, CRP levels are not influenced by hematologic conditions like Anemia, Polycythemia etc.,
5. Elevated values are consistent with an acute inflammatory process.

- NOTE:**
1. Elevated C-reactive protein (CRP) values are nonspecific and should not be interpreted without a complete clinical history.
 2. Oral contraceptives may increase CRP levels.

*** End Of Report ***




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