

# PKR JAIN HEALTHCARE INSTITUTE NASIRPUR, Hissar Road, AMBALA CITY- (Haryana)

## A PIONEER DIAGNOSTIC CENTRE

**■** 0171-2532620, 8222896961 **■** pkrjainhealthcare@gmail.com

**NAME** : Mr. ANSH

**AGE/ GENDER** : 14 YRS/MALE **PATIENT ID** : 1800789

**COLLECTED BY** : 122504040005 REG. NO./LAB NO.

REFERRED BY **REGISTRATION DATE** : 04/Apr/2025 10:41 AM BARCODE NO. : 12507891 **COLLECTION DATE** : 04/Apr/2025 11:37AM CLIENT CODE. : P.K.R JAIN HEALTHCARE INSTITUTE REPORTING DATE : 04/Apr/2025 05:12PM

**CLIENT ADDRESS** : NASIRPUR, HISSAR ROAD, AMBALA CITY - HARYANA

Value Unit Test Name **Biological Reference interval** 

# IMMUNOPATHOLOGY/SEROLOGY **C-REACTIVE PROTEIN (CRP)**

C-REACTIVE PROTEIN (CRP) QUANTITATIVE: 0.38 mg/L 0.0 - 6.0

by NEPHLOMETRY

**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

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.



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### **MICROBIOLOGY**

### CULTURE AEROBIC BACTERIA AND ANTIBIOTIC SENSITIVITY (CONVENTIONAL): BLOOD

#### BLOOD CULTURE AND SUSCEPTIBILITY

DATE OF SAMPLE 04-04-2025 SPECIMEN SOURCE **BLOOD** INCUBATION PERIOD 5 DAYS **STERILE** CULTURE

by AUTOMATED BROTH CULTURE

NO AEROBIC PYOGENIC ORGANISM GROWN AFTER 5 DAYS OF **ORGANISM** 

by AUTOMATED BROTH CULTURE **INCUBATION AT 37\*C** 

#### **AEROBIC SUSCEPTIBILITY BLOOD**

#### SUSCEPTIBILITY:

- 1. A test interpreted as SENSTITIVE implies that infection due to isolate may be appropriately treated with the dosage of an antimicrobial agent
- recommended for that type of infection and infecting species, unless otherwise indicated.

  2. A test interpreted as **INTERMEDIATE** implies that the" Infection due to the isolate may be appropriately treated in body sites where the drugs are
- physiologically concentrated or when a high dosage of drug can be used".

  3.A test interpreted as **RESISTANT** implies that the "isolates are not inhibited by the usually achievable concentration of the agents with normal dosage, schedule and/or fall in the range where specific microbial resistance mechanism are likely (e.g. beta-lactamases), and clinical efficacy has not been reliable in treatment studies.

#### CAUTION:

Conditions which can cause a false Negative culture:

- 1. Patient is on antibiotics. Please repeat culture post therapy.
- 2. Anaerobic bacterial infection.
- 3. Fastidious aerobic bacteria which are not able to grow on routine culture media.4. Besides all these factors, at least in 25-40 % of cases there is no direct correlation between in vivo clinical picture.

5. Renal tuberculosis to be confirmed by AFB studies.

\*\*\* End Of Report \*\*\*



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