

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

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 MD (Pathology)
 CEO & Consultant Pathologist

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|-----------------------|--|--------------------------|------------------------|
| NAME | : Mr. ASHWANI | PATIENT ID | : 1569977 |
| AGE/ GENDER | : 52 YRS/MALE | REG. NO./LAB NO. | : 012408030060 |
| COLLECTED BY | : | REGISTRATION DATE | : 03/Aug/2024 07:24 PM |
| REFERRED BY | : | COLLECTION DATE | : 03/Aug/2024 07:46PM |
| BARCODE NO. | : 01514386 | REPORTING DATE | : 04/Aug/2024 10:41AM |
| CLIENT CODE. | : KOS DIAGNOSTIC LAB | | |
| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAD, AMBALA CANTT | | |

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

ENDOCRINOLOGY

C-PEPTIDE

| | | | |
|-------------------------|-------------------|-------|-------------|
| C-PEPTIDE: SERUM | 6.62 ^H | ng/mL | 0.30 - 3.80 |
|-------------------------|-------------------|-------|-------------|

by CLIA (CHEMILUMINESCENCE IMMUNOASSAY)

INTERPRETATION:-

C-peptide is useful in distinguishing insulinomas from exogenous insulin administration. When insulin secretion is diminished, as in insulin dependent diabetes, low c-peptide levels are to be expected. Elevated c-peptide levels may result from increased beta cell activity associated with insulinomas. C-Peptide is also useful in monitoring patients who have received islet cell or pancreatic transplants.

C-peptide originates in pancreatic beta cells as an inert byproduct in the synthesis of insulin from proinsulin. Insulin and c-peptide are released from proinsulin in equimolar concentration into the circulation. C-peptide levels can therefore serve as an index of insulin secretion. Anti-insulin antibodies are commonly found in patients who have undergone insulin therapy. These antibodies may interfere with insulin assay. C-peptide measurements are therefore used as an alternative measurement index in this context.

*** End Of Report ***




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