

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

A PIONEER DIAGNOSTIC CENTRE

NAME : Mr. HARDEEP SINGH

AGE/ GENDER : 29 YRS/MALE **PATIENT ID** : 1379498

COLLECTED BY REG. NO./LAB NO. : 122407120008

REFERRED BY **REGISTRATION DATE** : 12/Jul/2024 04:30 PM BARCODE NO. : 12503566 **COLLECTION DATE** : 12/Jul/2024 04:57PM CLIENT CODE. : P.K.R JAIN HEALTHCARE INSTITUTE REPORTING DATE : 12/Jul/2024 05:25PM

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

Test Name Value Unit **Biological Reference interval**

CLINICAL CHEMISTRY/BIOCHEMISTRY

CHOLESTEROL: SERUM

165.14 CHOLESTEROL TOTAL: SERUM OPTIMAL: < 200.0 mg/dL

by CHOLESTEROL OXIDASE PAP BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0

INTERPRETATION:

NATIONAL LIPID ASSOCIATION RECOMMENDATIONS (NLA-2014)	CHOLESTEROL IN ADULTS (mg/dL)	CHOLESTEROL IN ADULTS (mg/dL)
DESIRABLE	< 200.0	< 170.0
BORDERLINE HIGH	200.0 – 239.0	171.0 – 199.0
HIGH	>= 240.0	>= 200.0

1. Measurements in the same patient can show physiological & analytical variations. Three serial samples 1 week apart are recommended for Total Cholesterol, Triglycerides, HDL & LDL Cholesterol.

2. As per National Lipid association - 2014 guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is recommended.



DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY)

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY)





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

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TRIGLYCERIDES

TRIGLYCERIDES: SERUM mg/dL **OPTIMAL:** < 150.0 173.32H

by GLYCEROL PHOSPHATE OXIDASE (ENZYMATIC) **BORDERLINE HIGH: 150.0 - 199.0**

> HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0

INTERPRETATION:

NCEP RECOMMENDATIONS	TRIGLYCERIDES IN ADULTS (mg/dL)
DESIRABLE	< 150.0
BORDERLINE HIGH	150.0 – 199.0
HIGH	200.0 – 499.0
VERY HIGH	>OR = 500.0

NOTE

- 1. Measurements in the same patient can show physiological variations. Three serial samples 1 week apart are recommended to establish basal triglyceride levels.
- 2. Certain conditions such as acute illness, stress, pregnancy, dietary changes especially changes in intake of saturated fatty acids, lipid lowering drugs, alcohol or prednisone may cause variation in lipid levels.

COMMENTS

National Lipid association - 2014 identifies elevated Triglycerides as an independent risk factor for Coronary Heart Disease (CHD).



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Test Name Value Unit **Biological Reference interval**

SGOT/ASPARTATE AMINOTRANSFERASE (AST)

REPORTING DATE

SGOT/AST: SERUM 35.27 7.00 - 45.00 by IFCC, WITHOUT PYRIDOXAL PHOSPHATE

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Test Name Value Unit **Biological Reference interval**

SGPT/ALANINE AMINOTRANSFERASE (ALT)

REPORTING DATE

SGPT/ALT: SERUM U/L 0.00 - 49.0076.66^H by IFCC, WITHOUT PYRIDOXAL PHOSPHATE

*** End Of Report ***



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