A PIONEER DIAGNOSTIC CENTRE

【 0171-2532620, 8222896961 🛛 🖾 pkrjainhealthcare@gmail.com

| NAME | : Mr. DAVINDER SINGH | | | |
|------------------------|---|--------------------------|--------------------|--|
| AGE/ GENDER | : 58 YRS/MALE | PATIEN | ſIJ | : 1387708 |
| COLLECTED BY | : | REG. NO | ./LAB NO. | : 122503150019 |
| REFERRED BY | : | REGISTI | RATION DATE | : 15/Mar/2025 12:54 PM |
| BARCODE NO. | : 12507518 | COLLEC | TION DATE | : 15/Mar/2025 01:00PM |
| CLIENT CODE. | : P.K.R JAIN HEALTHCARE INSTIT | UTE REPORT | ING DATE | : 15/Mar/2025 04:31PM |
| CLIENT ADDRESS | : NASIRPUR, HISSAR ROAD, AMBA | ALA CITY - HARYANA | | |
| Test Name | | Value | Unit | Biological Reference interval |
| | | HAEMATOLO | GY | |
| | | HAEMOGLOBIN | | |
| HAEMOGLOBIN (H | (B) | 9.6 ^L | gm/dL | 12.0 - 17.0 |
| by CALORIMETRIC | | 0.0 | 8 | |
| INTERPRETATION:- | satain malagula in rad blood calls the | t carries avugan from t | he lungs to the he | odys tissues and returns carbon dioxide from |
| tissues back to the lu | | it carries oxygen noin t | he lungs to the bu | buys tissues and returns carbon dioxide from |
| A low hemoglobin lev | vel is referred to as ANEMIA or low re | ed blood count. | | |
| ANEMIA (DECRESED | | | | |
| 1) Loss of blood (trat | umatic injury, surgery, bleeding, colo ncy (iron, vitamin B12, folate) | on cancer or stomach u | cer) | |
| 3) Bone marrow prob | blems (replacement of bone marrow | by cancer) | | |
| 4) Suppression by red | d blood cell synthesis by chemothera | apy drugs | | |
| 5) Kidney failure | , , , , , , , , , , , , , , , , , , , | | | |
| 6) Abnormal hemogl | obin structure (sickle cell anemia or | thalassemia). | | |
| POLYCYTHEMIA (INC | REASED HAEMOGLOBIN): | | | |
| 2) Smoking (Seconda | Iltitudes (Physiological) | | | |
| | uces a falsely rise in hemoglobin due | to increased haemoco | ncentration | |
| | ease (for example, emphysema) | | | |
| 5) Certain tumors | | | | |
| | oone marrow known as polycythemia | | | |
| 7) Abuse of the drug | erythropoetin (Epogen) by athletes f | or blood doping purpos | es (increasing the | amount of oxygen available to the body by |

7) Abuse of the drug erythropoetin (Epogen) by athletes for blood doping purposes (increasing the amount of oxygen available to the body by chemically raising the production of red blood cells).

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST



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| S YRS/MALE 2507518 K.R JAIN HEALTHCARE INST ASIRPUR, HISSAR ROAD, AM | ITUTE | PATIENT ID REG. NO./LAB NO. REGISTRATION DATE COLLECTION DATE REPORTING DATE RYANA | : 1387708 : 1225031500 : 15/Mar/2025 : 15/Mar/2025 : 15/Mar/2025 | 12:54 PM |
|---|--|---|---|---|
| K.R JAIN HEALTHCARE INST | ITUTE | REGISTRATION DATE COLLECTION DATE REPORTING DATE | : 15/Mar/2025 : 15/Mar/2025 | 12:54 PM |
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| K.R JAIN HEALTHCARE INST | ITUTE | REPORTING DATE | | 01.00FW |
| | | | :15/Mar/2025 | 04.07D) (|
| ASIRPUR, HISSAR ROAD, AM | BALA CITY - HAI | RYANA | | 04:27PM |
| | | | | |
| | Value | Unit | Biolog | gical Reference interval |
| CE LIQUID CHROMATOGRAPHY) | 8.8 ^H | % | 4.0 - 6 | - |
| ASMA GLUCOSE | 205.86 ^H | mg/dL | 60.00 | - 140.00 |
| AS PER AMERICAN I | DIABETES ASSOCIA | ATION (ADA): | | |
| | | | (HBAIC) in % | |
| | | <5.7 | | |
| | | 5.7 - 6.4 | | |
| sing Diabetes | | | | |
| | | j | | |
| ls for alveomic control | | | | |
| is for gryceniic control | Actions | | >8.0 | |
| | Coal | | <75 | |
| | GLOBIN (HbA1c): CE LIQUID CHROMATOGRAPHY) LASMA GLUCOSE CE LIQUID CHROMATOGRAPHY) | GLYCOSYLATED HA GLOBIN (HbA1c): 8.8 ^H CE LIQUID CHROMATOGRAPHY) 205.86 ^H LASMA GLUCOSE 205.86 ^H CE LIQUID CHROMATOGRAPHY) 205.86 ^H CE LIQUID CHROMATOGRAPHY) C CE LIQUID CHROMATOGRAPHY) C CE LIQUID CHROMATOGRAPHY) C CHARDAR SER AMERICAN DIABETES ASSOCIA C ENCE GROUP CL Adults >= 18 years C (Prediabetes) Sing Diabetes Is for glycemic control Goals | GLYCOSYLATED HAEMOGLOBIN (HBA1C) GLOBIN (HbA1c): 8.8 ^H % CE LIQUID CHROMATOGRAPHY) 205.86 ^H mg/dL LASMA GLUCOSE 205.86 ^H mg/dL CE LIQUID CHROMATOGRAPHY) 205.86 ^H mg/dL Section (ADA): ENCE GROUP GLYCOSYLATED HEMOGLOGIB Adults >= 18 years <5.7 | GLYCOSYLATED HAEMOGLOBIN (HBA1C) GLOBIN (HbA1c): 8.8 ^H % 4.0 - 6 CE LIQUID CHROMATOGRAPHY) 205.86 ^H mg/dL 60.00 LASMA GLUCOSE 205.86 ^H mg/dL 60.00 CE LIQUID CHROMATOGRAPHY) 205.86 ^H mg/dL 60.00 AS PER AMERICAN DIABETES ASSOCIATION (ADA): ENCE GROUP GLYCOSYLATED HEMOGLOGIB (HBAIC) in % Adults >= 18 years <5.7 |

1.Glycosylated hemoglobin (HbA1c) test is three monthly monitoring done to assess compliace with therapeutic regimen in diabetic patients. 2.Since Hb1c reflects long term fluctuations in blood glucose concentration, a diabetic patient who has recently under good control may still have high concentration of HbAlc. Converse is true for a diabetic previously under good control but now poorly controlled.

3. Target goals of < 7.0 % may be beneficial in patients with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patients with significant complications of diabetes, limited life expectancy or extensive co-morbid conditions, targetting a goal of < 7.0% may not be appropriate.

4.High HbA1c (>9.0 -9.5 %) is strongly associated with risk of development and rapid progression of microvascular and nerve complications 5.Any condition that shorten RBC life span like acute blood loss, hemolytic anemia falsely lower HbA1c results.

6.HbA1c results from patients with HbSS,HbSC and HbD must be interpreted with caution, given the pathological processes including anemia, increased red cell turnover, and transfusion requirement that adversely impact HbA1c as a marker of long-term gycemic control.

7.Specimens from patients with polycythemia or post-splenctomy may exhibit increse in HbA1c values due to a somewhat longer life span of the red cells.



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

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



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| CLIENT CODE. | : P.K.R JAIN HEALTHCARE IN | STITUTE R | REPORTING DATE | : 15/Mar/2025 04:37PM |
| CLIENT ADDRESS | : NASIRPUR, HISSAR ROAD, A | MBALA CITY - HAR | YANA | |
| | | | | |
| Test Name | | Value | Unit | Biological Reference interva |
| | | | | D1/ |
| | CLINI | CAL CHEMIST | RY/BIOCHEMIST | RY |
| | | GLUCOSE R | ANDOM (R) | |
| GLUCOSE RANDOM by GLUCOSE OXIDAS | A (R): PLASMA E - peroxidase (god-pod) | 210.14 ^H | mg/dL | NORMAL: < 140.00 PREDIABETIC: 140.0 - 200.0 DIABETIC: > 0R = 200.0 |
| INTERPRETATION | | | | |
| | HAMERICAN DIABETES ASSOCIA glucose level below 140 mg/dl i | | | |
| 2 A random glucoso | level between 140 - 200 mg/dl | is considered as alu | oso intolorant or prodiat | notic A fasting and nost preadial blood tost |

2. A random glucose level between 140 - 200 mg/dl is considered as glucose intolerant or prediabetic. A fasting and post-prnadial blood test (after consumption of 75 gms of glucose) is recommended for all such patients.

3. A random glucose level of above 200 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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NOT VALID FOR MEDICO LEGAL PURPOSE





PKR JAIN HEALTHCARE INSTITUTE NASIRPUR, Hissar Road, AMBALA CITY- (Haryana) A PIONEER DIAGNOSTIC CENTRE

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| CLIENT ADDRESS | : NASIRPUR, HISSAR R | OAD, AMBALA CITY - HARYA | ANA | |
| Test Name | | Value | Unit | Biological Reference interva |
| | | CHOLESTER | OL: SERUM | |
| CHOLESTEROL TO by CHOLESTEROL O | | 149.95 | mg/dL | OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0 |
| INTERPRETATION: | | | | 240.0 |
| | PID ASSOCIATION ATIONS (NLA-2014) | CHOLESTEROL IN ADL | JLTS (mg/dL) | CHOLESTEROL IN ADULTS (mg/dL) |
| | SIRABLE | < 200.0 | \mathbf{P} | < 170.0 |
| | | | | |

| HIGH | >= 240.0 | | >= 200.0 | |
|---|--|-----------------------|----------------------------|-----|
| NOTE: | | | | |
| 1. Measurements in the same patient can | how physiological & analytical variations. The | hree serial samples 1 | week apart are recommended | for |
| Total Chalastaral Trialycaridae UDL & LDL | Cholostorol | | | |

200.0 - 239.0

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.





BORDERLINE HIGH

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

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

440 Dated 17.5.2012 u/s 80 G OF INCOME TAX ACT. PAN NO. AAAAP1600. **REPORT ATTRACTS THE CONDITIONS PRINTED OVERLEAF (P.T.O.)**



171.0 - 199.0



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| | | | | |
| Test Name | | Value | Unit | Biological Reference interval |
| | | | | |
| | KIL | DNEY FUNCTI | ION TEST (BASIC) | |
| UREA: SERUM by UREASE - GLUTAM | ATE DEHYDROGENASE (GLDH) | 74.6 ^H | mg/dL | 10.00 - 50.00 |
| CREATININE: SERU | | 2.77 ^H | mg/dL | 0.40 - 1.40 |
| | OGEN (BUN): SERUM | 34.86 ^H | mg/dL | 7.0 - 25.0 |
| BLOOD UREA NITR RATIO: SERUM | OGEN (BUN)/CREATININE | 12.58 | RATIO | 10.0 - 20.0 |

| BLOOD UKEA MITKUGEN (BUN)/ UKEA | TIMINE 12.38 | KATIO | 10.0 - 20.0 |
|-----------------------------------|--------------|-------|-------------|
| RATIO: SERUM | | | |
| by CALCULATED, SPECTROPHOTOMETERY | | | |
| UREA/CREATININE RATIO: SERUM | 26.93 | RATIO | |
| by CALCULATED, SPECTROPHOTOMETERY | | | |
| URIC ACID: SERUM | 6.04 | mg/dL | 3.60 - 7.70 |
| by URICASE - OXIDASE PEROXIDASE | | 5 | |





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| CLIENT ADDRESS | : NASIRPUR, HISSAR ROAD, AMBALA CITY | Y - HARYANA | |
| Test Name | Valu | e Unit | Biological Reference interval |
| glomerular filtration 2.Catabolic states wi 3.Gl hemorrhage. 4.High protein intake 5.Impaired renal fun 6.Excess protein intal burns,surgery, cache 7.Urine reabsorption 8.Reduced muscle m 9.Certain drugs (e.g. 1 INCREASED RATIO (>2 1.Postrenal azotemia s | th increased tissue breakdown. ction plus . ke or production or tissue breakdown (e.g. in kia, high fever). (e.g. ureterocolostomy) ass (subnormal creatinine production) etracycline, glucocorticoids) 10:1) WITH ELEVATED CREATININE LEVELS : (BUN rises disproportionately more than cru- uperimposed on renal disease. 10:1) WITH DECREASED BUN : osis. | nfection, GI bleeding, thyrotoxicc | osis, Cushings syndrome, high protein diet, |





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