

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



| | Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultar | bbiology) MD (Pathology) | | | |
|--------------------------------------|---|--------------------------|--|----------|--------------------------------------|
| NAME | : Mr. RAKSHIT CHOPRA | | | | |
| AGE/ GENDER | : 26 YRS/MALE | | PATIENT ID | : 16598 | 94 |
| COLLECTED BY | : SURJESH | | REG. NO./LAB NO. | :01241 | 1040039 |
| REFERRED BY | : | | REGISTRATION DATI | E :04/No | v/2024 10:26 AM |
| BARCODE NO. | : 01520044 | | COLLECTION DATE | :04/No | v/2024 10:31AM |
| CLIENT CODE. | : KOS DIAGNOSTIC LAB | | REPORTING DATE | :04/No | v/2024 10:58AM |
| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAD, AMBA | ALA CANTI | ſ | | |
| Test Name | | Value | Unit | | Biological Reference interval |
| | | HAEM | ATOLOGY | | |
| | COMP | LETE BI | OOD COUNT (CBC) |) | |
| RED BLOOD CELLS | (RBCS) COUNT AND INDICES | | | | |
| HAEMOGLOBIN (H | B) | 12.7 | gm/d | L | 12.0 - 17.0 |
| RED BLOOD CELL (| RBC) COUNT | 4.48 | Millio | ons/cmm | 3.50 - 5.00 |
| by HYDRO DYNAMIC F | OCUSING, ELECTRICAL IMPEDENCE | 40.4 | 0/ | | 10.0 51.0 |
| PACKED CELL VOLU | JME (PCV) UTOMATED HEMATOLOGY ANALYZER | 40.4 | % | | 40.0 - 54.0 |
| | AR VOLUME (MCV) utomated hematology analyzer | 90.2 | fL | | 80.0 - 100.0 |
| MEAN CORPUSCUL | AR HAEMOGLOBIN (MCH) | 28.3 | pg | | 27.0 - 34.0 |
| | UTOMATED HEMATOLOGY ANALYZER AR HEMOGLOBIN CONC. (MCHC) | 31.4 ^L | g/dL | | 32.0 - 36.0 |
| by CALCULATED BY A | UTOMATED HEMATOLOGY ANALYZER | | J. J | | |
| | UTION WIDTH (RDW-CV) UTOMATED HEMATOLOGY ANALYZER | 12.6 | % | | 11.00 - 16.00 |
| RED CELL DISTRIB | UTION WIDTH (RDW-SD) | 42.3 | fL | | 35.0 - 56.0 |
| by CALCULATED BY A MENTZERS INDEX | UTOMATED HEMATOLOGY ANALYZER | 20.13 | RATIO | 0 | BETA THALASSEMIA TRAIT: < |
| by CALCULATED | | | | - | 13.0 |
| | | | | | IRON DEFICIENCY ANEMIA: >13.0 |
| GREEN & KING INI | DEX | 25.33 | RATIO | C | BETA THALASSEMIA TRAIT:< |
| by CALCULATED | | | | | 65.0 IRON DEFICIENCY ANEMIA: > |
| | | | | | 65.0 |
| WHITE BLOOD CE | LLS (WBCS) | | | | |
| FOTAL LEUCOCYTE | | 6390 | /cmm | ı | 4000 - 11000 |
| • | y by sf cube & microscopy SLOOD CELLS (nRBCS) | NIL | | | 0.00 - 20.00 |
| | RT HEMATOLOGY ANALYZER | NIL | % | | < 10 % |
| | | | | | |



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

| NAME | : Mr. RAKSHIT CHOPRA | | |
|--------------------|--|--------------------------|------------------------|
| AGE/ GENDER | : 26 YRS/MALE | PATIENT ID | : 1659894 |
| COLLECTED BY | : SURJESH | REG. NO./LAB NO. | : 012411040039 |
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| | | | |

Dr. Vinay Chopra

MD (Pathology & Microbiology) Chairman & Consultant Pathologist

| Test Name | Value | Unit | Biological Reference interval |
|---|----------|------|--------------------------------------|
| DIFFERENTIAL LEUCOCYTE COUNT (DLC) | | | |
| NEUTROPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 60 | % | 50 - 70 |
| LYMPHOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 30 | % | 20 - 40 |
| EOSINOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 3 | % | 1 - 6 |
| MONOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 7 | % | 2 - 12 |
| BASOPHILS by flow cytometry by sf cube & microscopy ABSOLUTE LEUKOCYTES (WBC) COUNT | 0 | % | 0 - 1 |
| ABSOLUTE NEUTROPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 3834 | /cmm | 2000 - 7500 |
| ABSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 1917 | /cmm | 800 - 4900 |
| ABSOLUTE EOSINOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 192 | /cmm | 40 - 440 |
| ABSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 447 | /cmm | 80 - 880 |
| ABSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 0 | /cmm | 0 - 110 |
| ABSOLUTE IMMATURE GRANULOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 0 | /cmm | 0.0 - 999.0 |
| PLATELETS AND OTHER PLATELET PREDICTIVE | MARKERS. | | |
| PLATELET COUNT (PLT) by hydro dynamic focusing, electrical impedence | 280000 | /cmm | 150000 - 450000 |
| PLATELETCRIT (PCT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE | 0.3 | % | 0.10 - 0.36 |
| MEAN PLATELET VOLUME (MPV) by hydro dynamic focusing, electrical impedence | 11 | fL | 6.50 - 12.0 |
| PLATELET LARGE CELL COUNT (P-LCC) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE | 83000 | /cmm | 30000 - 90000 |
| PLATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE | 29.6 | % | 11.0 - 45.0 |
| PLATELET DISTRIBUTION WIDTH (PDW) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE | 16.1 | % | 15.0 - 17.0 |



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

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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| Fest Name | | Value | Unit | Biological Refere | ence interval |
| An ESR can be affe as C-reactive protein This test may also systemic lupus eryth CONDITION WITH LO A low ESR can be see polycythaemia), sigi sickle cells in sick VOTE: ESR and C - reactive Generally, ESR dog CRP is not affected If the ESR is elevation Women tend to have Drugs such as dex | be used to monitor disease activitiematosus | inflammation. For this ity and response to the normal sedimentatio yunt (leucocytosis), ar SR. s of inflammation. CRP, either at the start R, making it a better m ypes of proteins, globu n and pregnancy can c | ereason, the ESR is ty erapy in both of the a n of red blood cells, s d some protein abno of inflammation or a arker of inflammatio ilins or fibrinogen. ause temporary eleva | vpicallý used in conjunction with above diseases as well as some o such as a high red blood cell cou ormalities. Some changes in red ns it resolves. n. ations. | others, such as int cell shape (such |
| | | | | | |





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| | Dr. Vinay Cho MD (Pathology & M Chairman & Consu | Microbiology) | Dr. Yugan MD CEO & Consultant | (Pathology) |
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| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAD, A | MBALA CANTT | | |
| Test Name | | Value | Unit | Biological Reference interval |
| | | SGOT/SGPT | PROFILE | |
| SGOT/AST: SERUM | | 22.2 | U/L | 7.00 - 45.00 |
| | RIDOXAL PHOSPHATE | | | |
| SGPT/ALT: SERUM | RIDOXAL PHOSPHATE | 25.9 | U/L | 0.00 - 49.00 |
| SGOT/SGPT RATIO | | 0.86 | | |
| INTERPRETATION | | | | |
| NOTE:- To be correlat USE:- Differential dia | ed in individuals having SGOT and signals of diseases of hepatobiliar | SGPT values higher the v system and pancre | an Normal Referance | Range. |
| | | | | |
| INCREASED:- | | | > 2 | |
| INCREASED:- | CITY | | > 2 (Highly Suggestive) | |
| INCREASED:- DRUG HEPATOTOXIC ALCOHOLIC HEPATIT | | | > 2 (Highly Sugges | stive) |
| DRUG HEPATOTOXIC | | | > 2 (Highly Sugges 1.4 - 2.0 | stive) |
| DRUG HEPATOTOXIC ALCOHOLIC HEPATIT | IS | | | stive) |

DECREASED:-

1. Acute Hepatitis due to virus, drugs, toxins (with AST increased 3 to 10 times upper limit of normal)

2. Extra Hepatic cholestatis: 0.8 (normal or slightly decreased).

PROGNOSTIC SIGNIFICANCE:-

| NORMAL | < 0.65 |
|----------------------|-----------|
| GOOD PROGNOSTIC SIGN | 0.3 - 0.6 |
| POOR PROGNOSTIC SIGN | 1.2 - 1.6 |





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| | Chairman & | Chopra ogy & Microbiology) Consultant Pathologist | Dr. Yugam MD CEO & Consultant | (Pathology) |
|---|--|---|--|--|
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| Test Name | | Value | Unit | Biological Reference interval |
| | | CREATIN | INE | |
| CREATININE: SERI | | 1.11 | mg/dL | 0.40 - 1.40 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

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| | | UNOPATHOLO(C-REACTIVE PRO | | Y |
| SERUM by NEPHLOMETRY INTERPRETATION: | EIN (CRP) QUANTITATIVE: | 1.4 | mg/L | 0.0 - 6.0 |
| CRP levels can incr proliferation. CRP levels (Quanti rejection, and to mor 4. As compared to ES and the recovery beil | tative) has been used to assess ac hitor these inflammatory processe R. CRP shows an earlier rise in inf | ore) after severe traum tivity of inflammatory o s. lammatory disorders w P levels are not influen | a, bacterial infectio disease, to detect in rhich begins in 4-6 h | on, inflammation, surgery, or neoplastic fections after surgery, to detect transplant rs, the intensity of the rise being higher than ES conditions like Anemia, Polycythemia etc., |

KOS Diagnostic Lab (A Unit of KOS Healthcare)

2. Oral contraceptives may increase CRP levels.

*** End Of Report ***





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