

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



| | Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultar | obiology) | | (Pathology) | |
|--------------------------------------|---|--------------------|---------------------------------------|-----------------|--|
| NAME | : Mr. RAHUL | | | | |
| AGE/ GENDER | : 39 YRS/MALE | | PATIENT ID | : 1487322 | |
| COLLECTED BY | : | | REG. NO./LAB NO. | :01241108003 | 1 |
| REFERRED BY | : | | REGISTRATION DATE | :08/Nov/20241 | |
| BARCODE NO. | : 01520361 | | COLLECTION DATE | : 08/Nov/2024 1 | |
| CLIENT CODE. CLIENT ADDRESS | : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AMBA | | REPORTING DATE | : 08/Nov/2024 1 | U:3ZAM |
| CLIENT ADDRESS | . 0549/ 1, NICHOLSON ROAD, AMD | ALA CANTI | L | | |
| Test Name | | Value | Unit | Biologi | cal Reference interval |
| | | | ELLNESS PANEL: 1. LOOD COUNT (CBC) | D | |
| RED BLOOD CELLS | (RBCS) COUNT AND INDICES | | | | |
| HAEMOGLOBIN (HE | 3) | 12.8 | gm/dL | 12.0 - 1 | 17.0 |
| RED BLOOD CELL (F | RBC) COUNT DCUSING, ELECTRICAL IMPEDENCE | 3.96 | Millions | /cmm 3.50 - 5 | 5.00 |
| PACKED CELL VOLU | ME (PCV) jtomated hematology analyzer | 40.1 | % | 40.0 - 5 | 54.0 |
| MEAN CORPUSCULA | R VOLUME (MCV) JTOMATED HEMATOLOGY ANALYZER | 101.1 ^H | fL | 80.0 - 1 | 100.0 |
| | AR HAEMOGLOBIN (MCH) JTOMATED HEMATOLOGY ANALYZER | 32.4 | pg | 27.0 - 3 | 34.0 |
| | AR HEMOGLOBIN CONC. (MCHC) JTOMATED HEMATOLOGY ANALYZER | 32 | g/dL | 32.0 - 3 | 36.0 |
| | JTION WIDTH (RDW-CV) JTOMATED HEMATOLOGY ANALYZER | 19.1 ^H | % | 11.00 - | 16.00 |
| RED CELL DISTRIBU | JTION WIDTH (RDW-SD) JTOMATED HEMATOLOGY ANALYZER | 71.9 ^H | fL | 35.0 - 3 | 56.0 |
| MENTZERS INDEX by CALCULATED | | 25.53 | RATIO | 13.0 | THALASSEMIA TRAIT: < DEFICIENCY ANEMIA: |
| GREEN & KING IND by CALCULATED | | 48.88 | RATIO | 65.0 | THALASSEMIA TRAIT:<= DEFICIENCY ANEMIA: > |
| WHITE BLOOD CEL | | 0.0.45 | | | 11000 |
| TOTAL LEUCOCYTE by FLOW CYTOMETRY | COUNT (TLC) by sf cube & microscopy | 8340 | /cmm | 4000 - | 11000 |
| | LOOD CELLS (nRBCS) t hematology analyzer | NIL | | 0.00 - 2 | 20.00 |
| | LOOD CELLS (nRBCS) % JTOMATED HEMATOLOGY ANALYZER | NIL | % | < 10 % | |
| | | | | | |





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

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

KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana 0171-2643898, +91 99910 43898 | care@koshealthcare.com | www.koshealthcare.com







Dr. Vinay Chopra

MD (Pathology & Microbiology) Chairman & Consultant Pathologist



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

| NAME | : Mr. RAHUL | | |
|--------------------|--|--------------------------|------------------------|
| AGE/ GENDER | : 39 YRS/MALE | PATIENT ID | : 1487322 |
| COLLECTED BY | : | REG. NO./LAB NO. | : 012411080031 |
| REFERRED BY | : | REGISTRATION DATE | : 08/Nov/2024 10:00 AM |
| BARCODE NO. | : 01520361 | COLLECTION DATE | : 08/Nov/2024 10:01AM |
| CLIENT CODE. | : KOS DIAGNOSTIC LAB | REPORTING DATE | : 08/Nov/2024 10:32AM |
| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAD, AMBALA CANTT | | |
| | | | |

| Test Name | Value | Unit | Biological Reference interval |
|---|--------------------|------|--------------------------------------|
| DIFFERENTIAL LEUCOCYTE COUNT (DLC) | | | |
| NEUTROPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 65 | % | 50 - 70 |
| LYMPHOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 24 | % | 20 - 40 |
| EOSINOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 4 | % | 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 | 5421 | /cmm | 2000 - 7500 |
| ABSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 2002 | /cmm | 800 - 4900 |
| ABSOLUTE EOSINOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 334 | /cmm | 40 - 440 |
| ABSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 584 | /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 | 83 | /cmm | 0.0 - 999.0 |
| PLATELETS AND OTHER PLATELET PREDICTIVE | <u>MARKERS.</u> | | |
| PLATELET COUNT (PLT) by hydro dynamic focusing, electrical impedence | 270000 | /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 | 91000 ^H | /cmm | 30000 - 90000 |
| PLATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE | 33.9 | % | 11.0 - 45.0 |
| PLATELET DISTRIBUTION WIDTH (PDW) by hydro dynamic focusing, electrical impedence | 16.3 | % | 15.0 - 17.0 |



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

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







| | Dr. Vinay Chopra MD (Pathology & Micro Chairman & Consultant | biology) ME | m Chopra D (Pathology) ht Pathologist |
|--------------------|--|--------------------------|---|
| NAME | : Mr. RAHUL | | |
| AGE/ GENDER | : 39 YRS/MALE | PATIENT ID | : 1487322 |
| COLLECTED BY | : | REG. NO./LAB NO. | : 012411080031 |
| REFERRED BY | : | REGISTRATION DATE | : 08/Nov/2024 10:00 AM |
| BARCODE NO. | : 01520361 | COLLECTION DATE | : 08/Nov/2024 10:01AM |
| CLIENT CODE. | : KOS DIAGNOSTIC LAB | REPORTING DATE | : 08/Nov/2024 10:32AM |
| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAD, AMBAI | LA CANTT | |
| Te of Norma | | | Diala rical Defenses as internal |

Test NameValueUnitBiological Reference interval

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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

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

 KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana

 KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana

 0171-2643898, +91 99910 43898
 care@koshealthcare.com
 www.koshealthcare.com





TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



| | Dr. Vinay Cho MD (Pathology & N Chairman & Consu | 1icrobiology) | Dr. Yugam MD CEO & Consultant | (Pathology) |
|--|--|--|--|--|
| AME | : Mr. RAHUL | | | |
| GE/ GENDER | : 39 YRS/MALE | PAT | ENT ID | : 1487322 |
| OLLECTED BY | : | REG. | NO./LAB NO. | : 012411080031 |
| EFERRED BY | : | REG | STRATION DATE | : 08/Nov/2024 10:00 AM |
| ARCODE NO. | : 01520361 | COLI | ECTION DATE | : 08/Nov/2024 10:01AM |
| LIENT CODE. | : KOS DIAGNOSTIC LAB | REP | DRTING DATE | : 08/Nov/2024 10:43AM |
| LIENT ADDRESS | : 6349/1, NICHOLSON ROAD, A | MBALA CANTT | | |
| 'est Name | | Value | Unit | Biological Reference interval |
| bolycythaemia), sigr s sickle cells in sickl (OTE: . ESR and C - reactiv . Generally, ESR doe . CRP is not affected . If the ESR is elevat . Women tend to ha . Drugs such as dext | W ESR n with conditions that inhibit the r nificantly high white blood cell cou e cell anaemia) also lower the ESI e protein (C-RP) are both markers of es not change as rapidly as does CR by as many other factors as is ESR, ed, it is typically a result of two typically a result of two typically a state of two typically | Int (leucocytosis), an R. P, either at the start , making it a better m bes of proteins, globu , and pregnancy can c | d some protein abnor of inflammation or as arker of inflammation lins or fibrinogen. ause temporary eleva | rmalities. Šome changes in red cell shape (suc s it resolves. . |
| | | | | |





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

DR.YUGAM CHOPRA

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







| | | hopra & Microbiology) onsultant Pathologist | Dr. Yugam MD CEO & Consultant | (Pathology) |
|----------------|--------------------------|---|-------------------------------------|--------------------------------------|
| NAME | : Mr. RAHUL | | | |
| AGE/ GENDER | : 39 YRS/MALE | PATI | ENT ID | : 1487322 |
| COLLECTED BY | : | REG. 1 | NO./LAB NO. | : 012411080031 |
| REFERRED BY | : | REGIS | TRATION DATE | : 08/Nov/2024 10:00 AM |
| BARCODE NO. | : 01520361 | COLL | ECTION DATE | :08/Nov/2024 10:01AM |
| CLIENT CODE. | : KOS DIAGNOSTIC LAB | REPO | RTING DATE | :08/Nov/2024 11:36AM |
| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAL | D, AMBALA CANTT | | |
| Test Name | | Value | Unit | Biological Reference interval |
| | CUN | ICAL CHEMISTRY | BIOCHEMIST | RY |
| | CLIN | | | |
| | | GLUCOSE FAST | TING (F) | |

KOS Diagnostic Lab (A Unit of KOS Healthcare)

A fasting plasma glucose level below 100 mg/dl is considered normal.
 A fasting plasma glucose level between 100 - 125 mg/dl is considered as glucose intolerant or prediabetic. A fasting and post-prandial blood

test (after consumption of 75 gms of glucose) is recommended for all such patients. 3. A fasting plasma glucose level of above 125 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.





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

MBBS, MD (PATHOLOGY)

KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana 0171-2643898, +91 99910 43898 | care@koshealthcare.com | www.koshealthcare.com



Page 5 of 14





| Mr. RAHUL 39 YRS/MALE | PA1 | | |
|---------------------------------|---------------------|--|--|
| 39 YRS/MALE | PAT | | |
| | | FIENT ID | : 1487322 |
| | REG | G. NO./LAB NO. | : 012411080031 |
| | REC | GISTRATION DATE | : 08/Nov/2024 10:00 AM |
| 01520361 | COI | LECTION DATE | :08/Nov/2024 10:01AM |
| KOS DIAGNOSTIC LAB | REF | PORTING DATE | :08/Nov/2024 11:36AM |
| 3349/1, NICHOLSON ROAD, | AMBALA CANTT | | |
| | Value | Unit | Biological Reference interval |
| | I IDID PROFI | F · BASIC | |
| CEDIM | | | OPTIMAL: < 200.0 |
| | 206.02** | ing/uL | BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0 |
| | 167.58 ^H | mg/dL | OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0 |
| | | | VERY HIGH: $> OR = 500.0$ |
| IRECT): SERUM | 44.38 | mg/dL | LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 - 60.0 HIGH HDL: > OR = 60.0 |
| | 128.12 | mg/dL | OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129.0 BORDERLINE HIGH: 130.0 - 159.0 |
| | | | HIGH: 160.0 - 189.0 |
| | 161.64 ^H | mg/dL | VERY HIGH: > OR = 190.0 OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159.0 BORDERLINE HIGH: 160.0 - 189.0 |
| | | | HIGH: 190.0 - 219.0 VERY HIGH: > OR = 220.0 |
| | 33.52 | mg/dL | 0.00 - 45.00 |
| | 579.62 | mg/dL | 350.00 - 700.00 |
| ATIO: SERUM | 4.64 ^H | RATIO | LOW RISK: 3.30 - 4.40 AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0 |
| | | S349/1, NICHOLSON ROAD, AMBALA CANTT Value LIPID PROFII 206.02 ^H 206.02 ^H M E OXIDASE (ENZYMATIC) IRECT): SERUM 44.38 ERUM OL: SERUM OL: SERUM OL: SERUM ODHOTOMETRY SERUM OPHOTOMETRY 33.52 OPHOTOMETRY ATIO: SERUM ATIO: SERUM | S349/1, NICHOLSON ROAD, AMBALA CANTT Value Unit LIPID PROFILE : BASIC 206.02 ^H REPAP 167.58 ^H mg/dL IRECT): SERUM 44.38 mg/dL ERUM OPHOTOMETRY 128.12 mg/dL OL: SERUM OPHOTOMETRY 161.64 ^H mg/dL SERUM OPHOTOMETRY 33.52 mg/dL ODHOTOMETRY 579.62 mg/dL |

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

 KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana

 KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana

 0171-2643898, +91 99910 43898
 care@koshealthcare.com

 www.koshealthcare.com
 www.koshealthcare.com



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





| | | hopra & Microbiology) onsultant Pathologist | Dr. Yugam MD CEO & Consultant | (Pathology) |
|---------------------------------------|--------------------------|---|-------------------------------------|---|
| NAME | : Mr. RAHUL | | | |
| AGE/ GENDER | : 39 YRS/MALE | F | PATIENT ID | : 1487322 |
| COLLECTED BY | : | F | REG. NO./LAB NO. | : 012411080031 |
| REFERRED BY | : | F | REGISTRATION DATE | : 08/Nov/2024 10:00 AM |
| BARCODE NO. | : 01520361 | C | COLLECTION DATE | : 08/Nov/2024 10:01AM |
| CLIENT CODE. | : KOS DIAGNOSTIC LAB | F | REPORTING DATE | :08/Nov/2024 11:36AM |
| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAD |), AMBALA CANTT | | |
| Test Name | | Value | Unit | Biological Reference interval |
| LDL/HDL RATIO: S | | 2.89 | RATIO | LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0 |
| TRIGLYCERIDES/H by CALCULATED, SPE | | 3.78 | RATIO | 3.00 - 5.00 |

INTERPRETATION:

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 NLA-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.

3. Low HDL levels are associated with increased risk for Atherosclerotic Cardiovascular disease (ASCVD) due to insufficient HDL being available

to participate in reverse cholesterol transport, the process by which cholesterol is eliminated from peripheral tissues. 4. NLA-2014 identifies Non HDL Cholesterol (an indicator of all atherogeniclipoproteins such as LDL, VLDL, IDL, Lpa, Chylomicron remnants) along with LDL-cholesterol as co- primary target for cholesterol lowering therapy. Note that major risk factors can modify treatment goals for LDL & Non HDL

5. Additional testing for Apolipoprotein B, hsCRP,Lp(a) & LP-PLA2 should be considered among patients with moderate risk for ASCVD for risk refinement





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

MBBS, MD (PATHOLOGY)

KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana 0171-2643898, +91 99910 43898 care@koshealthcare.com www.koshealthcare.com







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

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

| NAME | : Mr. KAHUL | | |
|--------------------|--|--------------------------|------------------------|
| AGE/ GENDER | : 39 YRS/MALE | PATIENT ID | : 1487322 |
| COLLECTED BY | : | REG. NO./LAB NO. | : 012411080031 |
| REFERRED BY | : | REGISTRATION DATE | : 08/Nov/2024 10:00 AM |
| BARCODE NO. | : 01520361 | COLLECTION DATE | : 08/Nov/2024 10:01AM |
| CLIENT CODE. | : KOS DIAGNOSTIC LAB | REPORTING DATE | : 08/Nov/2024 11:36AM |
| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAD, AMBALA CANTT | | |
| | | | |

| Test Name | Value | Unit | Biological Reference interval |
|--|--------------|--------------|---|
| LIVER | FUNCTION TES | T (COMPLETE) | |
| BILIRUBIN TOTAL: SERUM by DIAZOTIZATION, SPECTROPHOTOMETRY | 0.82 | mg/dL | INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20 |
| BILIRUBIN DIRECT (CONJUGATED): SERUM by DIAZO MODIFIED, SPECTROPHOTOMETRY | 0.16 | mg/dL | 0.00 - 0.40 |
| BILIRUBIN INDIRECT (UNCONJUGATED): SERUM by CALCULATED, SPECTROPHOTOMETRY | 0.66 | mg/dL | 0.10 - 1.00 |
| SGOT/AST: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE | 24.2 | U/L | 7.00 - 45.00 |
| SGPT/ALT: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE | 29.8 | U/L | 0.00 - 49.00 |
| AST/ALT RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY | 0.81 | RATIO | 0.00 - 46.00 |
| ALKALINE PHOSPHATASE: SERUM by PARA NITROPHENYL PHOSPHATASE BY AMINO METHYL PROPANOL | 110.77 | U/L | 40.0 - 130.0 |
| GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM by SZASZ, SPECTROPHTOMETRY | 25.46 | U/L | 0.00 - 55.0 |
| TOTAL PROTEINS: SERUM by BIURET, SPECTROPHOTOMETRY | 6.8 | gm/dL | 6.20 - 8.00 |
| ALBUMIN: SERUM by BROMOCRESOL GREEN | 3.99 | gm/dL | 3.50 - 5.50 |
| GLOBULIN: SERUM by CALCULATED, SPECTROPHOTOMETRY | 2.81 | gm/dL | 2.30 - 3.50 |
| A : G RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY | 1.42 | RATIO | 1.00 - 2.00 |

INTERPRETATION

NOTE:- To be correlated in individuals having SGOT and SGPT values higher than Normal Referance Range. USE:- Differential diagnosis of diseases of hepatobiliary system and pancreas.

INCREASED:

| DRUG HEPATOTOXICITY | > 2 |
|--|----------------------------|
| ALCOHOLIC HEPATITIS | > 2 (Highly Suggestive) |
| CIRRHOSIS | 1.4 - 2.0 |
| INTRAHEPATIC CHOLESTATIS | > 1.5 |
| HEPATOCELLULAR CARCINOMA & CHRONIC HEPATITIS | > 1.3 (Slightly Increased) |
| | |





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

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

KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt - 133 001, Haryana 0171-2643898, +91 99910 43898 | care@koshealthcare.com | www.koshealthcare.com



NAME





| | Dr. Vinay Chopra MD (Pathology & Microb Chairman & Consultant F | piology) ME | m Chopra D (Pathology) It Pathologist |
|----------------|--|--------------------------|--|
| NAME | : Mr. RAHUL | | |
| AGE/ GENDER | : 39 YRS/MALE | PATIENT ID | : 1487322 |
| COLLECTED BY | : | REG. NO./LAB NO. | : 012411080031 |
| REFERRED BY | : | REGISTRATION DATE | : 08/Nov/2024 10:00 AM |
| BARCODE NO. | : 01520361 | COLLECTION DATE | : 08/Nov/2024 10:01AM |
| CLIENT CODE. | : KOS DIAGNOSTIC LAB | REPORTING DATE | : 08/Nov/2024 11:36AM |
| CLIENT ADDRESS | : 6349/1. NICHOLSON ROAD. AMBAL | A CANTT | |

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).

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

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

MBBS, MD (PATHOLOGY)

 KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana

 KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana

 0171-2643898, +91 99910 43898
 care@koshealthcare.com

 www.koshealthcare.com
 www.koshealthcare.com









Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology) MD (Pathology & Microbiology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mr. RAHUL AGE/ GENDER : 39 YRS/MALE **PATIENT ID** :1487322 **COLLECTED BY** REG. NO./LAB NO. :012411080031 **REFERRED BY REGISTRATION DATE** :08/Nov/2024 10:00 AM **BARCODE NO.** :01520361 **COLLECTION DATE** :08/Nov/2024 10:01AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :08/Nov/2024 01:08PM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Value Unit Test Name **Biological Reference interval KIDNEY FUNCTION TEST (COMPLETE)** UREA: SERUM mg/dL 10.00 - 50.00 50.32^H by UREASE - GLUTAMATE DEHYDROGENASE (GLDH) **CREATININE: SERUM** 2.3^H mg/dL 0.40 - 1.40 by ENZYMATIC, SPECTROPHOTOMETERY BLOOD UREA NITROGEN (BUN): SERUM 23.51 mg/dL 7.0 - 25.0 by CALCULATED, SPECTROPHOTOMETRY BLOOD UREA NITROGEN (BUN)/CREATININE 10.22RATIO 10.0 - 20.0 RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY **UREA/CREATININE RATIO: SERUM** 21.88 RATIO by CALCULATED, SPECTROPHOTOMETRY 10.3^H URIC ACID: SERUM mg/dL 3.60 - 7.70 by URICASE - OXIDASE PEROXIDASE CALCIUM: SERUM 9.76 mg/dL 8.50 - 10.60 by ARSENAZO III, SPECTROPHOTOMETRY PHOSPHOROUS: SERUM 3.02 mg/dL 2.30 - 4.70 by PHOSPHOMOLYBDATE, SPECTROPHOTOMETRY **ELECTROLYTES** SODIUM: SERUM 135.0 - 150.0 143.3mmol/L by ISE (ION SELECTIVE ELECTRODE) POTASSIUM: SERUM 4.78mmol/L 3.50 - 5.00 by ISE (ION SELECTIVE ELECTRODE) 107.48 CHLORIDE: SERUM 90.0 - 110.0 mmol/L by ISE (ION SELECTIVE ELECTRODE) **ESTIMATED GLOMERULAR FILTERATION RATE** ESTIMATED GLOMERULAR FILTERATION RATE 36.1(eGFR): SERUM by CALCULATED NOTE 2 **RESULT RECHECKED TWICE** ADVICE

INTERPRETATION:

KINDLY CORRELATE CLINICALLY

To differentiate between pre- and post renal azotemia.

INCREASED RATIO (>20:1) WITH NORMAL CREATININE:

1. Prerenal azotemia (BUN rises without increase in creatinine) e.g. heart failure, salt depletion, dehydration, blood loss) due to decreased



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

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

KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt - 133 001, Haryana 0171-2643898, +91 99910 43898 care@koshealthcare.com www.koshealthcare.com



AMBALA CANTT **FEST PERFORMED AT KOS DIAGNOSTIC LAB.**





| 0 9001 : 2008 CERT | IFIED LAB | | 1 | EXCELLENCE IN HEALTHCAP | E & DIAGNOSTICS | |
|---|--|--|--|-------------------------|--|--------------------------|
| | MD | : Vinay Chopra 9 (Pathology & Microbia 9 irman & Consultant Pa | | | n Chopra) (Pathology) It Pathologist | |
| NAME | : Mr. RAHUL | | | | | |
| AGE/ GENDER | : 39 YRS/MALE | | PATI | ENT ID | : 1487322 | |
| COLLECTED BY | • | | RFC 1 | NO./LAB NO. | : 012411080031 | |
| REFERRED BY | | | | TRATION DATE | : 08/Nov/2024 10:0 | |
| | | | | | | |
| BARCODE NO. | : 01520361 | | | ECTION DATE | : 08/Nov/2024 10:0 | |
| CLIENT CODE. | : KOS DIAGNOST | | | RTING DATE | : 08/Nov/2024 01:0 | 8PM |
| CLIENT ADDRESS | : 6349/1, NICHO | LSON ROAD, AMBALA | CANTT | | | |
| Test Name | | Va | lue | Unit | Biological | Reference interval |
| Inherited hyperam SIADH (syndrome of 8. Pregnancy. DECREASED RATIO (<1 Phenacimide thera Rhabdomyolysis (r Muscular patients INAPPROPIATE RATIO Diabetic ketoacido should produce an in Cephalosporin ther | nd starvation. b. creased urea synth urea rather than cr monemias (urea is of inappropiate anti 10:1) WITH INCREAS py (accelerates con eleases muscle crea who develop renal : sis (acetoacetate ca creased BUN/creat apy (interferes with JLAR FILTERATION R | eatinine diffuses out of virtually absent in blo diuretic harmone) due ED CREATININE: version of creatine to atinine). failure. auses false increase in inine ratio). o creatinine measurem | od). e to tubular seci creatinine). creatinine with pent). | retion of urea. | | I ratio when dehydration |
| CKD STAGE | | | GFR (mL/min | /1.73m2) A | SSOCIATED FINDINGS | - |
| G1 G2 | | l kidney function | >90 >90 | | No proteinuria Presence of Protein , | 1 |
| GZ | | hal or high GFR | >90 | | oumin or cast in urine | |
| G3a | | decrease in GFR | 60 -8 | 9 | |] |
| G3b | Modera | te decrease in GFR | 30-5 | 9 | | |



G4

G5

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

Severe decrease in GFR

Kidney failure

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

15-29

<15









| : 6349/1, NICHOLSON ROAD, AM | IBALA CANTT | |
|------------------------------|--|---|
| : KOS DIAGNOSTIC LAB | REPORTING DATE | : 08/Nov/2024 01:08PM |
| : 01520361 | COLLECTION DATE | :08/Nov/2024 10:01AM |
| : | REGISTRATION DATE | : 08/Nov/2024 10:00 AM |
| : | REG. NO./LAB NO. | :012411080031 |
| : 39 YRS/MALE | PATIENT ID | : 1487322 |
| : Mr. RAHUL | | |
| | | D (Pathology) Int Pathologist |
| | | m Chopra |
| | MD (Pathology & M Chairman & Consul : Mr. RAHUL : 39 YRS/MALE : : : : 01520361 : KOS DIAGNOSTIC LAB | MD (Pathology & Microbiology) Chairman & Consultant Pathologist CEO & Consultant : Mr. RAHUL : 39 YRS/MALE PATIENT ID : REG. NO./LAB NO. : REGISTRATION DATE : 01520361 COLLECTION DATE |

COMMENTS:

Estimated Glomerular filtration rate (eGFR) is the sum of filtration rates in all functioning nephrons and so an estimation of the GFR provides a measure of functioning nephrons of the kidney.
 eGFR calculated using the 2009 CKD-EPI creatinine equation and GFR category reported as per KDIGO guideline 2012
 In patients, with eGFR creatinine between 45-59 ml/min/1.73 m2 (G3) and without any marker of Kidney damage, It is recommended to measure of CFD with the commended to measure

3. In patients, with eGFR cleaning between 45-59 minimit 1.73 m2 (G3) and without any marker of Kidney damage, it is recommended to measure eGFR with Cystatin C for confirmation of CKD
4. eGFR category G1 OR G2 does not fulfill the criteria for CKD, in the absence of evidence of Kidney Damage
5. In a suspected case of Acute Kidney Injury (AKI), measurement of eGFR should be done after 48-96 hours of any Intervention or procedure
6. eGFR calculated by Serum Creatinine may be less accurate due to certain factors like Race, Muscle Mass, Diet, Certain Drugs. In such cases, eGFR should be calculated using Serum Cystatin C
7. A decrease in eGFR implies either progressive renal disease, or a reversible process causing decreased nephron function (eg, severe dehydration).

ADVICE:

KDIGO guideline, 2012 recommends Chronic Kidney Disease (CKD) should be classified based on cause, eGFR category and Albuminuria (ACR) category. GFR & ACR category combined together reflect risk of progression and helps Clinician to identify the individual who are progressing at more rapid rate than anticipated





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

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

KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt - 133 001, Haryana 0171-2643898, +91 99910 43898 care@koshealthcare.com www.koshealthcare.com







| SO 9001 : 2008 CERT | TIFIED LAB | EXC | ELLENCE IN HEALTHCARE | & DIAGNOSTICS |
|---|--|-------------------|-----------------------------------|-------------------------------|
| | Dr. Vinay Cho MD (Pathology & I Chairman & Consu | Microbiology) | Dr. Yugam MD O & Consultant | (Pathology) |
| NAME | : Mr. RAHUL | | | |
| AGE/ GENDER | : 39 YRS/MALE | PATIENT | ID | : 1487322 |
| COLLECTED BY | : | REG. NO./ | LAB NO. | : 012411080031 |
| REFERRED BY | : | REGISTRA | ATION DATE | : 08/Nov/2024 10:00 AM |
| BARCODE NO. | :01520361 | COLLECTI | ON DATE | :08/Nov/2024 10:01AM |
| CLIENT CODE. | : KOS DIAGNOSTIC LAB | REPORTI | NG DATE | : 08/Nov/2024 11:49AM |
| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAD, A | MBALA CANTT | | |
| Test Name | | Value | Unit | Biological Reference interval |
| | | CLINICAL PATHO | LOGY | |
| | URINE ROU | JTINE & MICROSCOP | | ATION |
| PHYSICAL EXAMI | NATION | | | |
| QUANTITY RECIEW | /ED | 10 | ml | |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY | | PALE YELLOW | | PALE YELLOW |
| | CTANCE SPECTROPHOTOMETRY | | | |
| TRANSPARANCY | CTANCE SPECTROPHOTOMETRY | HAZY | | CLEAR |
| SPECIFIC GRAVITY | Y | 1.02 | | 1.002 - 1.030 |
| by DIP STICK/REFLEC | CTANCE SPECTROPHOTOMETRY | | | |
| REACTION | | ACIDIC | | |
| | CTANCE SPECTROPHOTOMETRY | | | |
| • | CTANCE SPECTROPHOTOMETRY | 2+ | | NEGATIVE (-ve) |
| SUGAR | CTANCE SPECTROPHOTOMETRY | Negative | | NEGATIVE (-ve) |
| pH | | <=5.0 | | 5.0 - 7.5 |
| by DIP STICK/REFLEC | CTANCE SPECTROPHOTOMETRY | Negative | | NEGATIVE (-ve) |
| by DIP STICK/REFLEC | CTANCE SPECTROPHOTOMETRY | | | |
| NITRITE by DIP STICK/REFLEC | CTANCE SPECTROPHOTOMETRY. | Negative | | NEGATIVE (-ve) |
| UROBILINOGEN | | Normal | EU/dL | 0.2 - 1.0 |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY KETONE BODIES | | Negative | | NEGATIVE (-ve) |
| by DIP STICK/REFLEC | CTANCE SPECTROPHOTOMETRY | 1+ | | NEGATIVE (-ve) |
| by DIP STICK/REFLE | CTANCE SPECTROPHOTOMETRY | | | |
| ASCORBIC ACID | CTANCE SPECTROPHOTOMETRY | NEGATIVE (-ve) | | NEGATIVE (-ve) |
| MICROSCOPIC EX | | | | |
| RED BLOOD CELLS | S (RBCs) CENTRIFUGED URINARY SEDIMENT | 10-12 | /HPF | 0 - 3 |

by DIP STI NITRITE by DIP STI UROBILIN by DIP STIC KETONE E

RED BLOC

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT

Г



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

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



KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana 0171-2643898, +91 99910 43898 | care@koshealthcare.com | www.koshealthcare.com



NANGE





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

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

| NAME | : Mr. KAHUL | | | |
|---------------------------------|------------------------------|------------|--------------------------|-------------------------------|
| AGE/ GENDER | : 39 YRS/MALE | | PATIENT ID | : 1487322 |
| COLLECTED BY | : | | REG. NO./LAB NO. | : 012411080031 |
| REFERRED BY | : | | REGISTRATION DATE | : 08/Nov/2024 10:00 AM |
| BARCODE NO. | :01520361 | | COLLECTION DATE | : 08/Nov/2024 10:01AM |
| CLIENT CODE. | : KOS DIAGNOSTIC LAB | | REPORTING DATE | :08/Nov/2024 11:49AM |
| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAD, A | MBALA CANT | Г | |
| Test Name | | Value | Unit | Biological Reference interval |
| PUS CELLS by MICROSCOPY ON C | CENTRIFUGED URINARY SEDIMENT | 5-6 | /HPF | 0 - 5 |
| | | | | |

| EPITHELIAL CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT | 1-2 | /HPF | ABSENT |
|---|----------------|------|----------------|
| CRYSTALS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT | NEGATIVE (-ve) | | NEGATIVE (-ve) |
| CASTS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT | NEGATIVE (-ve) | | NEGATIVE (-ve) |
| BACTERIA by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT | NEGATIVE (-ve) | | NEGATIVE (-ve) |
| OTHERS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT | NEGATIVE (-ve) | | NEGATIVE (-ve) |
| TRICHOMONAS VAGINALIS (PROTOZOA) | ABSENT | | ABSENT |

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT

DATIT

3.6-

** End Of Report ***



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

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

 KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana

 KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana

 0171-2643898, +91 99910 43898
 care@koshealthcare.com
 www.koshealthcare.com

