



| SWASTHY | alue | PATIENT ID REG. NO./LAB NO. REGISTRATION DATE COLLECTION DATE REPORTING DATE Unit LLNESS PANEL: 1 OOD COUNT (CBC) | : 1643684 : 012503250025 : 25/Mar/2025 09:58 AM : 25/Mar/2025 09:59AM : 25/Mar/2025 10:36AM Biological Reference interval |
|--|---|---|---|
| 27723 5 DIAGNOSTIC LAB .9/1, NICHOLSON ROAD, AMBALA V SWASTHY COMPLE <u>BCS) COUNT AND INDICES</u> | A CANTT | REG. NO./LAB NO. REGISTRATION DATE COLLECTION DATE REPORTING DATE Unit | : 012503250025 : 25/Mar/2025 09:58 AM : 25/Mar/2025 09:59AM : 25/Mar/2025 10:36AM Biological Reference interval |
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| SWASTHY COMPLE BCS) COUNT AND INDICES | A WEL | LINESS PANEL: 1 | |
| COMPLE BCS) COUNT AND INDICES | TE BLC | | 1.0 |
| COMPLE BCS) COUNT AND INDICES | TE BLC | | |
| BCS) COUNT AND INDICES | | | |
| COUNT | 13.6 | | |
| COUNT | | gm/dL | 12.0 - 17.0 |
| | 4.48 | Millions | s/cmm 3.50 - 5.00 |
| IG, ELECTRICAL IMPEDENCE | | | |
| (PCV) TED HEMATOLOGY ANALYZER | 41.8 | % | 40.0 - 54.0 |
| OLUME (MCV) | 93.3 | fL | 80.0 - 100.0 |
| TED HEMATOLOGY ANALYZER AEMOGLOBIN (MCH) | 30.5 | pg | 27.0 - 34.0 |
| TED HEMATOLOGY ANALYZER | | P5 | |
| EMOGLOBIN CONC. (MCHC) TED HEMATOLOGY ANALYZER | 32.6 | g/dL | 32.0 - 36.0 |
| N WIDTH (RDW-CV) | 16.4 ^H | % | 11.00 - 16.00 |
| TED HEMATOLOGY ANALYZER | | я | 35.0 - 56.0 |
| TED HEMATOLOGY ANALYZER | 57.311 | IL | 55.0 - 50.0 |
| | 20.83 | RATIO | BETA THALASSEMIA TRAIT |
| | | | 13.0 IRON DEFICIENCY ANEMIA |
| | | | >13.0 |
| | 34.32 | RATIO | BETA THALASSEMIA TRAIT |
| | | | <= 65.0 IRON DEFICIENCY ANEMIA |
| | | | 65.0 |
| (WBCS) | | | |
| UNT (TLC) | 7070 | /cmm | 4000 - 11000 |
| | NIL | | 0.00 - 20.00 |
| ATOLOGY ANALYZER | | - | |
| D CELLS (nRBCS) % | NIL | % | < 10 % |
| | TED HEMATOLOGY ANALYZER N WIDTH (RDW-SD) TED HEMATOLOGY ANALYZER (WBCS) UNT (TLC) CUBE & MICROSCOPY D CELLS (nRBCS) | TED HEMATOLOGY ANALYZERTOTN WIDTH (RDW-SD) TED HEMATOLOGY ANALYZER57.3H20.8334.32(WBCS) UNT (TLC) CUBE & MICROSCOPY D CELLS (nRBCS) ATOLOGY ANALYZER7070 | TED HEMATOLOGY ANALYZERTOTYN WIDTH (RDW-SD) TED HEMATOLOGY ANALYZER57.3HfL20.83RATIO34.32RATIOWBCS) UNT (TLC) CUBE & MICROSCOPY D CELLS (nRBCS) ATOLOGY ANALYZER7070/cmm |



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

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| | Dr. Vinay Chop MD (Pathology & Mid Chairman & Consulta | crobiology) | Dr. Yugam MD CEO & Consultant | (Pathology) |
|--------------------|---|-------------------|-------------------------------------|--------------------------------------|
| NAME | : Mr. RICKY BHATIA | | | |
| AGE/ GENDER | : 44 YRS/MALE | ράτι | ENT ID | : 1643684 |
| | . 44 IIIS/ MALL | | | |
| COLLECTED BY | : | REG. | NO./LAB NO. | : 012503250025 |
| REFERRED BY | : | REGI | STRATION DATE | : 25/Mar/2025 09:58 AM |
| BARCODE NO. | :01527723 | COLL | ECTION DATE | : 25/Mar/2025 09:59AM |
| CLIENT CODE. | : KOS DIAGNOSTIC LAB | REPO | RTING DATE | : 25/Mar/2025 10:36AM |
| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAD, AM | BALA CANTT | | |
| Test Name | | Value | Unit | Biological Reference interval |
| by CALCULATED BY A | UTOMATED HEMATOLOGY ANALYZER | | | |
| • | EUCOCYTE COUNT (DLC) | | | |
| NEUTROPHILS | BY SF CUBE & MICROSCOPY | 68 | % | 50 - 70 |
| LYMPHOCYTES | | 20 | % | 20 - 40 |
| | BY SF CUBE & MICROSCOPY | | /0 | 20 10 |
| EOSINOPHILS | | 5 | % | 1 - 6 |
| by FLOW CYTOMETRY | BY SF CUBE & MICROSCOPY | | | |
| MONOCYTES | | 7 | % | 2 - 12 |
| - | BY SF CUBE & MICROSCOPY | 0 | | |
| BASOPHILS | BY SE CURE & MICROSCORY | 0 | % | 0 - 1 |
| • | BY SF CUBE & MICROSCOPY | | | |
| | DCYTES (WBC) COUNT | | | |
| ABSOLUTE NEUTR | | 4808 | /cmm | 2000 - 7500 |
| - | BY SF CUBE & MICROSCOPY | 1 4 1 4 | 1 | 200 1000 |
| ABSOLUTE LYMPH | IOCYTE COUNT BY SF CUBE & MICROSCOPY | 1414 | /cmm | 800 - 4900 |
| ABSOLUTE EOSING | | 354 | /cmm | 40 - 440 |
| | BY SF CUBE & MICROSCOPY | 551 | , emm | |
| ABSOLUTE MONO | CYTE COUNT | 495 | /cmm | 80 - 880 |
| by FLOW CYTOMETRY | BY SF CUBE & MICROSCOPY | | | |
| PLATELETS AND (| OTHER PLATELET PREDICTIV | <u>E MARKERS.</u> | | |
| PLATELET COUNT | (PLT) | 161000 | /cmm | 150000 - 450000 |
| | OCUSING, ELECTRICAL IMPEDENCE | | | |
| PLATELETCRIT (P | · | 0.22 | % | 0.10 - 0.36 |
| - | OCUSING, ELECTRICAL IMPEDENCE | | | |
| MEAN PLATELET V | | 14 ^H | fL | 6.50 - 12.0 |
| | OCUSING, ELECTRICAL IMPEDENCE | 82000 | 10000 | 30000 00000 |
| | CELL COUNT (P-LCC) | 83000 | /cmm | 30000 - 90000 |
| | CELL RATIO (P-LCR) | 51.1 ^H | % | 11.0 - 45.0 |
| | DCUSING, ELECTRICAL IMPEDENCE | 51.1- | | |
| PLATELET DISTRI | BUTION WIDTH (PDW) | 16.3 | % | 15.0 - 17.0 |
| - | OCUSING, ELECTRICAL IMPEDENCE | | | |
| NOTE TEGT CONDUM | TTED ON EDTA MULOI E DI OOD | | | |

by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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| | Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist | | (Pathology) |
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| | | | |
| Test Name | Value | Unit | Biological Reference interval |



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| CLIENT ADDRESS | : 6349/1, NICHOLSO | N ROAD, AMBALA CANT | Г | |
| Test Name | | Value | Unit | Biological Reference interval |
| | ER | YTHROCYTE SED | IMENTATION RATE | (ESR) |
| | EDIMENTATION RAT | | mm/1st h | ur 0 - 20 |
| systemic lupus eryth CONDITION WITH LO A low ESR can be see | W ESR n with conditions that i hificantly high white blo | od cell count (leucocytos | entation of red blood cells, s sis) , and some protein abno | uch as a high red blood cell count rmalities. Some changes in red cell shape (such |
| as sickle cells in sickl NOTE: 1. ESR and C - reactiv 2. Generally, ESR doe 3. CRP is not affected 4. If the ESR is elevat 5. Women tend to ha 6. Drugs such as dext | e protein (C-RP) are bot s not change as rapidly by as many other facto ed, it is typically a resul ve a higher ESR, and me | h markers of inflammatic as does CRP, either at th rs as is ESR, making it a b e t of two types of proteins enstruation and pregnanc ontraceptives, penicillan e it | e start of inflammation or a etter marker of inflammation s, globulins or fibrinogen. y can cause temporary eleva | n. |





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| | ٢ | Dr. Vinay Chop 1D (Pathology & M Chairman & Consul | icrobiology) | Dr. Yugam MD CEO & Consultant | (Pathology) |
|---|---|---|---|--|--|
| AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. | : Mr. RICKY BI : 44 YRS/MALE : : : 01527723 : KOS DIAGNOS : 6349/1, NICH | | REG. 1 REGIS COLL REPO | ENT ID NO./LAB NO. STRATION DATE ECTION DATE RTING DATE | : 1643684 : 012503250025 : 25/Mar/2025 09:58 AM : 25/Mar/2025 09:59AM : 25/Mar/2025 01:44PM |
| Fest Name | | | Value | Unit | Biological Reference interval |
| GLUCOSE FASTING | (E). DI ACIA | | CHEMISTRY GLUCOSE FAS 148.06 ^H | | NORMAL: < 100.0 |
| NTERPRETATION N ACCORDANCE WITH . A fasting plasma glu est (after consumption 3. A fasting plasma glu such patients. A fasting | cose level below | w 100 mg/dl is cor een 100 - 125 mg | isidered normal. (dl is considered as d | ucose intolerant or tients. abetic state. A repe occasions is confirm | DIABETIC: > 0R = 126.0 prediabetic. A fasting and post-prandial blood at post-prandial is strongly recommended for al atory for diabetic state. |

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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| Test Name | | Value | Unit | Biological Reference interval |
| | | LIPID PRO | OFILE : BASIC | |
| CHOLESTEROL TO | OTAL: SERUM | 194.12 | mg/dL | OPTIMAL: < 200.0 |
| by CHOLESTEROL O | | | 0 | BORDERLINE HIGH: 200.0 - |
| | | | | 239.0 |
| | | | | HIGH CHOLESTEROL: > OR = 240.0 |
| TRIGLYCERIDES: | SERUM | 171.92 ^H | mg/dL | 00000000000000000000000000000000000000 |
| | PHATE OXIDASE (ENZYMATIC) | 1/1.92 | iiig/uL | BORDERLINE HIGH: 150.0 - |
| | | | | 199.0 |
| | | | | HIGH: 200.0 - 499.0 |
| | OL (DIDECT) (EDIDA | 50.65 | (11 | VERY HIGH: $>$ OR $=$ 500.0 |
| by SELECTIVE INHIBI | OL (DIRECT): SERUM | 59.65 | mg/dL | LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 |
| ., | | | | 60.0 |
| | | | | HIGH HDL: $> OR = 60.0$ |
| LDL CHOLESTER | | 100.09 | mg/dL | OPTIMAL: < 100.0 |
| by CALCULATED, SP | ECTROPHOTOMETRY | | | ABOVE OPTIMAL: 100.0 - 129.0 |
| | | | | BORDERLINE HIGH: 130.0 - 159.0 |
| | | | | HIGH: 160.0 - 189.0 |
| | | | | VERY HIGH: > OR = 190.0 |
| NON HDL CHOLE | STEROL: SERUM | 134.47 ^H | mg/dL | OPTIMAL: < 130.0 |
| by CALCULATED, SP | ECTROPHOTOMETRY | 10 | | ABOVE OPTIMAL: 130.0 - 159.0 |
| | | | | BORDERLINE HIGH: 160.0 - |
| | | | | 189.0 HIGH: 190.0 - 219.0 |
| | | | | VERY HIGH: $> OR = 220.0$ |
| VLDL CHOLESTEI | ROL: SERUM | 34.38 | mg/dL | 0.00 - 45.00 |
| | ECTROPHOTOMETRY | | | |
| TOTAL LIPIDS: SE | | 560.16 | mg/dL | 350.00 - 700.00 |
| - | ECTROPHOTOMETRY DL RATIO: SERUM | 3.25 | RATIO | LOW RISK: 3.30 - 4.40 |
| | ECTROPHOTOMETRY | 5.25 | KATIO | AVERAGE RISK: 4.50 - 7.0 |
| | | | | |
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| | A. | | anotra | |

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| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAI | D, AMBALA CANTT | | |
| Test Name | | Value | Unit | Biological Reference interval |
| | | | | MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0 |
| LDL/HDL RATIO: S by CALCULATED, SPE | | 1.68 | RATIO | LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0 |
| TRIGLYCERIDES/H by CALCULATED, SPE | HDL RATIO: SERUM | 2.88 ^L | 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





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| | LIVER F | UNCTION | N TEST (COMPLETE |) |
| BILIRUBIN TOTAL by DIAZOTIZATION, SI | :: SERUM PECTROPHOTOMETRY | 0.85 | mg/dL | INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20 |
| | T (CONJUGATED): SERUM | 0.23 | mg/dL | 0.00 - 0.40 |
| BILIRUBIN INDIRE | ECT (UNCONJUGATED): SERUM | 0.62 | mg/dL | 0.10 - 1.00 |
| SGOT/AST: SERUN by IFCC, WITHOUT PY | Л /RIDOXAL PHOSPHATE | 22.1 | U/L | 7.00 - 45.00 |
| SGPT/ALT: SERUN by IFCC, WITHOUT PY | 1 (RIDOXAL PHOSPHATE | 26.8 | U/L | 0.00 - 49.00 |
| AST/ALT RATIO: S by CALCULATED, SPE | | 0.82 | RATIO | 0.00 - 46.00 |
| ALKALINE PHOSP by PARA NITROPHEN PROPANOL | HATASE: SERUM YL PHOSPHATASE BY AMINO METHYL | 94.51 | U/L | 40.0 - 130.0 |
| GAMMA GLUTAM by SZASZ, SPECTROF | YL TRANSFERASE (GGT): SERUN Phtometry | M 56.72 ^H | U/L | 0.00 - 55.0 |
| TOTAL PROTEINS by BIURET, SPECTRO | : SERUM | 7.23 | gm/dL | 6.20 - 8.00 |
| ALBUMIN: SERUM by BROMOCRESOL G | | 3.85 | gm/dL | 3.50 - 5.50 |
| GLOBULIN: SERUN by CALCULATED, SPE | M | 3.38 | gm/dL | 2.30 - 3.50 |
| A : G RATIO: SERU | JM | 1.14 | RATIO | 1.00 - 2.00 |

by CALCULATED, SPECTROPHOTOMETRY

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 | | |



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INTERPRETATION





| | Dr. Vinay Chop MD (Pathology & Mi Chairman & Consult | icrobiology) | Dr. Yugam C MD (Pat & Consultant Pat | :hology) |
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| HEPATOCELLULAR C | ARCINOMA & CHRONIC HEPATITIS | > 1.3 | (Slightly Increas | sed) |

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 |



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| | | Vinay ChopraDr. Yugam Chopra(Pathology & Microbiology)MD (Pathology)irman & Consultant PathologistCEO & Consultant Pathologist | | | |
|---|--|--|-------------------|------------------------------------|--|
| NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. CLIENT ADDRESS | : Mr. RICKY BHATIA : 44 YRS/MALE : : : 01527723 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AM | PATIENT ID REG. NO./LAB NO. REGISTRATION DATE COLLECTION DATE REPORTING DATE , AMBALA CANTT | | : 1643684 : 012503250025 | |
| Test Name | | Value | Unit | Biological Reference interval | |
| | KIDNEY | Y FUNCTIO | ON TEST (COMPLETI | F) | |
| UREA: SERUM | | 24.35 | mg/dL | 10.00 - 50.00 | |
| by UREASE - GLUTAM CREATININE: SER | IATE DEHYDROGENASE (GLDH) UM | 1.25 | mg/dL | 0.40 - 1.40 | |
| by ENZYMATIC, SPEC BLOOD UREA NIT | TROPHOTOMETERY ROGEN (BUN): SERUM | 11.38 | mg/dL | 7.0 - 25.0 | |
| by CALCULATED, SPE BLOOD UREA NIT | ECTROPHOTOMETRY ROGEN (BUN)/CREATININE | 9.1 ^L | RATIO | 10.0 - 20.0 | |
| RATIO: SERUM by CALCULATED, SPE | | 7.1 | | | |
| UREA/CREATININ | E RATIO: SERUM | 19.48 | RATIO | | |
| by CALCULATED, SPE URIC ACID: SERUN | h | 7.87 ^H | mg/dL | 3.60 - 7.70 | |
| by URICASE - OXIDASE PEROXIDASE CALCIUM: SERUM | | 9.72 | mg/dL | 8.50 - 10.60 | |
| by ARSENAZO III, SPECTROPHOTOMETRY PHOSPHOROUS: SERUM | | 2.91 | mg/dL | 2.30 - 4.70 | |
| by PHOSPHOMOLYBE ELECTROLYTES | DATE, SPECTROPHOTOMETRY | | | | |
| SODIUM: SERUM | | 143.8 | mmol/L | 135.0 - 150.0 | |
| by ISE (ION SELECTIV POTASSIUM: SERU | | 4.45 | mmol/L | 3.50 - 5.00 | |
| by ISE (ION SELECTIV CHLORIDE: SERUN | 'E ELECTRODE) | 107.85 | mmol/L | 90.0 - 110.0 | |
| by ISE (ION SELECTIV | 'E ELECTRODE) | | IIIII01/L | 90.0 - 110.0 | |
| ESTIMATED GLO | MERULAR FILTERATION RAT | <u>E</u> | | | |
| (eGFR): SERUM by CALCULATED INTERPRETATION: | MERULAR FILTERATION RATE | 72.8 | | | |

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 glomerular filtration rate.



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





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|---|---|--|--|--|---------------------------------------|---------------------------|
| IAME | : Mr. RICKY | (BHATIA | | | | |
| AGE/ GENDER | : 44 YRS/MA | ALE | 1 | PATIENT ID | : 1643684 | |
| COLLECTED BY | | | 1 | REG. NO./LAB NO. | : 01250325002; | 5 |
| REFERRED BY | • | | | REGISTRATION DA | | |
| | | | | | | |
| BARCODE NO. | :01527723 | | | COLLECTION DATE | | |
| CLIENT CODE. | : KOS DIAGN | | | REPORTING DATE | : 25/Mar/2025 12 | :44PM |
| CLIENT ADDRESS | : 6349/1, N | ICHOLSON ROAD, A | AMBALA CANTT | | | |
| | | | _ | | | |
| Fest Name | | | Value | Unit | t Biologic | al Reference interval |
| Prerenal azotemia PCREASED RATIO (< Acute tubular necr Low protein diet an Severe liver diseas Other causes of de Repeated dialysis (SIADH (syndrome of Pregnancy. PCREASED RATIO (Phenacimide thera Rhabdomyolysis (r Muscular patients | 10:1) WITH DEC osis. Ind starvation. e. Curea rather the monemias (ur of inappropiate 10:1) WITH INC upy (accelerate eleases muscle who develop i | CREASED BUN : synthesis. nan creatinine diffu: rea is virtually abser e antidiuretic harmo CREASED CREATININ es conversion of cre le creatinine). | nt in blood). one) due to tubula E: | ar secretion of urea. | | |
| should produce an in 2. Cephalosporin thei | sis (acetoacet creased BUN/ rapy (interfere | ′creatinine ratio). es with creatinine m | | e with certain meth | odologies,resulting in norr | nal ratio when dehydratio |
| STIMATED GLOMERU | JLAR FILTERAT | ION RATE: DESCRIPTION | CED (m | | | |
| CKD STAGE | | | | /min/172m2) | ACCOPIATED EINIDINICE | |
| G1 | N | lormal kidney funct | | 2/min/1.73m2) >90 | ASSOCIATED FINDINGS No proteinuria | _ |

| CKD STAGE | DESCRIPTION | GFR (mL/min/1./3m2) | ASSOCIATED FINDINGS |
|-----------|--------------------------|-----------------------|--------------------------|
| G1 | Normal kidney function | >90 | No proteinuria |
| G2 | Kidney damage with | >90 | Presence of Protein, |
| | normal or high GFR | | Albumin or cast in urine |
| G3a | Mild decrease in GFR | 60 -89 | |
| G3b | Moderate decrease in GFR | 30-59 | |
| G4 | Severe decrease in GFR | 15-29 | |
| G5 | Kidney failure | <15 | |
| | | | |



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| | Dr. Vinay Chopra MD (Pathology & Microt Chairman & Consultant | piology) MI | m Chopra D (Pathology) ht Pathologist |
|--------------------|---|--------------------------|--|
| NAME | : Mr. RICKY BHATIA | | |
| AGE/ GENDER | : 44 YRS/MALE | PATIENT ID | : 1643684 |
| COLLECTED BY | : | REG. NO./LAB NO. | : 012503250025 |
| REFERRED BY | : | REGISTRATION DATE | : 25/Mar/2025 09:58 AM |
| BARCODE NO. | : 01527723 | COLLECTION DATE | : 25/Mar/2025 09:59AM |
| CLIENT CODE. | : KOS DIAGNOSTIC LAB | REPORTING DATE | : 25/Mar/2025 12:44PM |
| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAD, AMBAL | A CANTT | |
| | | | |
| Test Name | V | Value Unit | Biological Reference interval |

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





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| | | Chopra gy & Microbiology) Consultant Pathologist | Dr. Yugam MD CEO & Consultant | (Pathology) | |
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| CLIENT CODE. | : KOS DIAGNOSTIC LAB | RI | EPORTING DATE | : 25/Mar/2025 10:41AM | |
| CLIENT ADDRESS | : 6349/1, NICHOLSON ROA | AD, AMBALA CANTT | | | |
| Test Name | | Value | Unit | Biological Reference interva | |
| | | CLINICAL PA | ATHOLOGY | | |
| | URINE R | OUTINE & MICRO | OSCOPIC EXAMI | NATION | |
| PHYSICAL EXAM | INATION | | | | |
| QUANTITY RECIEV | | 10 | ml | | |
| COLOUR | TANCE SPECTROPHOTOMETRY | PALE YELLO | ow | PALE YELLOW | |
| | TANCE SPECTROPHOTOMETRY | | | | |
| TRANSPARANCY | TANCE SPECTROPHOTOMETRY | CLEAR | | CLEAR | |
| SPECIFIC GRAVIT | | 1.02 | | 1.002 - 1.030 | |
| | TANCE SPECTROPHOTOMETRY | | | | |
| CHEMICAL EXAN | <u>IINATION</u> | | | | |
| REACTION | TANCE SPECTROPHOTOMETRY | ACIDIC | | | |
| PROTEIN | | Negative | | NEGATIVE (-ve) | |
| - | TANCE SPECTROPHOTOMETRY | N. | | | |
| SUGAR by DIP STICK/REFLEC | TANCE SPECTROPHOTOMETRY | Negative | | NEGATIVE (-ve) | |
| pH | | 5.5 | | 5.0 - 7.5 | |
| by DIP STICK/REFLEC BILIRUBIN | TANCE SPECTROPHOTOMETRY | Nogotivo | | NEGATIVE (-ve) | |
| | TANCE SPECTROPHOTOMETRY | Negative | | NEGATIVE (-ve) | |
| NITRITE | | Negative | | NEGATIVE (-ve) | |
| by DIP STICK/REFLEC | TANCE SPECTROPHOTOMETRY. | Normal | EU/dL | 0.2 - 1.0 | |
| | TANCE SPECTROPHOTOMETRY | | LOIGH | | |
| KETONE BODIES | TANCE SPECTROPHOTOMETRY | Negative | | NEGATIVE (-ve) | |
| BLOOD | TANUL SPECI KUPHUTUMETRY | Negative | | NEGATIVE (-ve) | |
| | TANCE SPECTROPHOTOMETRY | | | | |
| ASCORBIC ACID | | NEGATIVE | | NEGATIVE (-ve) | |

MICROSCOPIC EXAMINATION



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| | | | | |
| Test Name | | Value | Unit | Biological Reference interval |
| RED BLOOD CELL | S (RBCs) CENTRIFUGED URINARY SEDIMENT | NEGATIVE (-ve) | /HPF | 0 - 3 |
| PUS CELLS by MICROSCOPY ON (| CENTRIFUGED URINARY SEDIMENT | 2-4 | /HPF | 0 - 5 |
| EPITHELIAL CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT | | 1-3 | /HPF | ABSENT |
| CRYSTALS by MICROSCOPY ON (| CENTRIFUGED URINARY SEDIMENT | NEGATIVE (-ve) | | NEGATIVE (-ve) |
| CASTS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT | | NEGATIVE (-ve) | | NEGATIVE (-ve) |

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT OTHERS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT

TRICHOMONAS VAGINALIS (PROTOZOA) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT

*** End Of Report ***

ABSENT

NEGATIVE (-ve)

NEGATIVE (-ve)



BACTERIA



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NEGATIVE (-ve)

NEGATIVE (-ve)

ABSENT